



**Directorate of  
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**Statistical Review**

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**World Crude Oil Production, Excluding Natural Gas Liquids***Thousand b/d*

|                                | 1980          | 1981          | 1982          | 1983          | Preliminary   |               |               |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                                |               |               |               |               | 1984          |               |               |
|                                |               |               |               |               | 1st Qtr       | May           | Jun           |
| <b>World</b>                   | <b>59,464</b> | <b>55,818</b> | <b>53,007</b> | <b>52,621</b> | <b>54,010</b> | <b>53,352</b> | <b>54,188</b> |
| <b>Non-Communist Countries</b> | <b>45,244</b> | <b>41,593</b> | <b>38,803</b> | <b>38,261</b> | <b>39,624</b> | <b>38,820</b> | <b>39,741</b> |
| Western hemisphere             | 15,584        | 15,828        | 16,112        | 16,064        | 16,467        | 16,334        | 16,236        |
| United States                  | 8,597         | 8,572         | 8,658         | 8,680         | 8,676         | 8,778         | 8,689         |
| Argentina                      | 487           | 496           | 484           | 479           | 483           | 480           | 459           |
| Brazil                         | 181           | 215           | 256           | 327           | 429           | 430           | 433           |
| Canada                         | 1,424         | 1,285         | 1,270         | 1,362         | 1,400         | 1,400         | 1,400         |
| Colombia                       | 125           | 125           | 140           | 152           | 165           | 166           | 163           |
| Ecuador                        | 204           | 211           | 211           | 236           | 242           | 250           | 260           |
| Mexico                         | 1,937         | 2,312         | 2,749         | 2,684         | 2,711         | 2,781         | 2,820         |
| Peru                           | 195           | 194           | 196           | 171           | 181           | 185           | 185           |
| Trinidad and Tobago            | 211           | 240           | 181           | 159           | 160           | 166           | 169           |
| Venezuela                      | 2,165         | 2,108         | 1,893         | 1,790         | 1,813         | 1,635         | 1,595         |
| Other                          | 58            | 70            | 74            | 66            | 68            | 63            | 63            |
| Eastern hemisphere             | 29,660        | 25,765        | 22,691        | 23,155        | 23,157        | 22,486        | 23,505        |
| Western Europe                 | 2,441         | 2,618         | 2,954         | 3,388         | 3,667         | 3,523         | 3,463         |
| Norway                         | 528           | 501           | 518           | 614           | 679           | 665           | 680           |
| United Kingdom                 | 1,619         | 1,811         | 2,094         | 2,299         | 2,573         | 2,481         | 2,380         |
| West Germany                   | 93            | 89            | 82            | 81            | 80            | 79            | 78            |
| Other                          | 201           | 217           | 260           | 394           | 335           | 298           | 325           |
| Middle East                    | 18,403        | 15,752        | 12,664        | 11,550        | 11,740        | 11,531        | 12,250        |
| Bahrain                        | 48            | 44            | 44            | 41            | 43            | 41            | 42            |
| Iran                           | 1,662         | 1,381         | 2,282         | 2,492         | 2,248         | 2,100         | 2,200         |
| Iraq                           | 2,514         | 993           | 972           | 922           | 1,119         | 1,200         | 1,225         |
| Israel                         | 1             | 1             | 1             | 1             | 1             | 1             | 1             |
| Kuwait <sup>a</sup>            | 1,389         | 947           | 663           | 881           | 966           | 900           | 950           |
| Neutral Zone <sup>b</sup>      | 544           | 370           | 317           | 390           | 472           | 400           | 370           |
| Oman                           | 282           | 319           | 322           | 376           | 407           | 409           | 407           |
| Qatar                          | 471           | 405           | 328           | 295           | 388           | 350           | 450           |
| Saudi Arabia <sup>a</sup>      | 9,631         | 9,625         | 6,327         | 4,867         | 4,766         | 4,800         | 5,250         |
| Syria                          | 159           | 167           | 160           | 166           | 170           | 170           | 170           |
| United Arab Emirates           | 1,702         | 1,500         | 1,248         | 1,119         | 1,160         | 1,160         | 1,185         |
| Abu Dhabi                      | 1,343         | 1,131         | 876           | 775           | 800           | 800           | 825           |
| Dubayy                         | 349           | 359           | 359           | 334           | 350           | 350           | 350           |
| Sharjah                        | 10            | 10            | 13            | 10            | 10            | 10            | 10            |
| Africa                         | 6,083         | 4,581         | 4,465         | 4,410         | 4,645         | 4,484         | 4,668         |
| Algeria                        | 1,020         | 803           | 701           | 699           | 617           | 650           | 700           |
| Angola/Cabinda                 | 150           | 130           | 122           | 176           | 202           | 200           | 200           |
| Cameroon                       | 58            | 88            | 109           | 114           | 124           | 131           | 135           |
| Congo                          | 63            | 83            | 82            | 87            | 90            | 90            | 90            |
| Egypt                          | 595           | 598           | 665           | 689           | 728           | 735           | 725           |
| Gabon                          | 175           | 151           | 154           | 157           | 150           | 150           | 160           |
| Libya                          | 1,830         | 1,137         | 1,183         | 1,076         | 1,100         | 1,150         | 1,180         |
| Nigeria                        | 2,058         | 1,445         | 1,298         | 1,241         | 1,459         | 1,200         | 1,300         |
| Tunisia                        | 110           | 118           | 120           | 120           | 120           | 120           | 120           |
| Other                          | 24            | 28            | 31            | 51            | 55            | 58            | 58            |
| Asia-Pacific                   | 2,733         | 2,814         | 2,608         | 2,807         | 3,105         | 2,948         | 3,124         |
| Australia                      | 380           | 393           | 371           | 417           | 467           | 480           | 499           |
| India                          | 182           | 325           | 390           | 400           | 470           | 470           | 570           |
| Indonesia                      | 1,576         | 1,604         | 1,314         | 1,385         | 1,534         | 1,340         | 1,390         |
| Malaysia                       | 288           | 264           | 306           | 370           | 394           | 400           | 400           |
| Brunei                         | 230           | 165           | 153           | 153           | 160           | 160           | 160           |
| Other                          | 77            | 63            | 74            | 82            | 80            | 98            | 105           |
| <b>Communist Countries</b>     | <b>14,220</b> | <b>14,225</b> | <b>14,204</b> | <b>14,360</b> | <b>14,386</b> | <b>14,532</b> | <b>14,447</b> |
| USSR                           | 11,700        | 11,790        | 11,750        | 11,820        | 11,776        | 11,890        | 11,790        |
| China                          | 2,113         | 2,024         | 2,044         | 2,120         | 2,190         | 2,222         | 2,222         |
| Romania                        | 230           | 232           | 230           | 240           | 240           | 240           | 255           |
| Other                          | 177           | 179           | 180           | 180           | 180           | 180           | 180           |

<sup>a</sup> Excluding Neutral Zone production.<sup>b</sup> Production is shared equally between Saudi Arabia and Kuwait.

**OAPEC<sup>a</sup> and OPEC<sup>b</sup> Countries:**  
**Crude Oil Production, Excluding Natural Gas Liquids**

Thousand b/d

|                                     | 1973          | 1980          | 1981          | Preliminary   |               | 1984          |               |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                                     |               |               |               | 1982          | 1983          | May           | Jun           |
| <b>Total OAPEC (thousand b/d)</b>   | <b>18,170</b> | <b>19,654</b> | <b>16,338</b> | <b>12,356</b> | <b>10,921</b> | <b>10,966</b> | <b>12,007</b> |
| % change from Sep 1973 <sup>c</sup> |               | -3            | -19           | -39           | -45           | -46           | -41           |
| % change from Feb 1979 <sup>d</sup> |               | -11           | -26           | -44           | -51           | -51           | -46           |
| <b>Total OPEC (thousand b/d)</b>    | <b>30,957</b> | <b>26,941</b> | <b>22,680</b> | <b>18,885</b> | <b>17,549</b> | <b>17,285</b> | <b>18,215</b> |
| % change from Sep 1973 <sup>c</sup> |               | -19           | -31           | -43           | -47           | -48           | -45           |
| % change from Dec 1976 <sup>e</sup> |               | -21           | -34           | -45           | -49           | -49           | -47           |

<sup>a</sup> The members of the Organization of Arab Petroleum Exporting Countries are Abu Dhabi, Algeria, Bahrain, Egypt, Iraq, Kuwait, Libya, Neutral Zone, Qatar, Saudi Arabia, Syria, and Tunisia. In April 1979 Egypt was suspended from OAPEC membership. For consistency Egyptian crude oil production will, however, continue to be included in the OAPEC total.

<sup>b</sup> The membership of the Organization of Petroleum Exporting Countries consists of OAPEC members (excluding Bahrain, Egypt, Syria, and Tunisia), plus Dubai, Ecuador, Gabon, Indonesia, Iran, Nigeria, Sharjah, and Venezuela.

<sup>c</sup> In Sep 1973, the pre-embargo peak output, OAPEC countries produced 20,190 b/d and OPEC countries 33,083 b/d.

<sup>d</sup> In Feb 1979, the post-embargo peak output, OAPEC countries produced 22,207 b/d.

<sup>e</sup> In Dec 1976, the post-embargo peak output, OPEC countries produced 34,224 b/d.

**OPEC Countries: Crude Oil Productive Capacity**

Thousand b/d

|                           | Capacity               |                                  |                        | Production               |          |         |          |
|---------------------------|------------------------|----------------------------------|------------------------|--------------------------|----------|---------|----------|
|                           | Installed <sup>a</sup> | Maximum Sustainable <sup>b</sup> | Available <sup>c</sup> | Latest Post-Embargo Peak |          | Current |          |
| <b>Total</b>              | <b>41,380</b>          | <b>34,840</b>                    | <b>26,175</b>          |                          |          |         |          |
| Algeria                   | 1,200                  | 900                              | 900                    | 1,160                    | (Dec 78) | 700     | (Jun 84) |
| Ecuador                   | 250                    | 225                              | 225                    | 260                      | (May 74) | 260     | (Jun 84) |
| Gabon                     | 250                    | 150                              | 150                    | 230                      | (Dec 77) | 160     | (Jun 84) |
| Indonesia                 | 1,800                  | 1,650                            | 1,650                  | 1,625                    | (May 77) | 1,390   | (Jun 84) |
| Iran                      | 7,000                  | 5,500 <sup>d,e</sup>             | 3,200                  | 6,680                    | (Nov 76) | 2,200   | (Jun 84) |
| Iraq                      | 4,000                  | 3,500 <sup>e</sup>               | 1,100                  | 3,500                    | (Jul 79) | 1,225   | (Jun 84) |
| Kuwait <sup>f</sup>       | 2,900                  | 2,500                            | 1,250                  | 2,990                    | (Dec 76) | 950     | (Jun 84) |
| Libya                     | 2,500                  | 2,100                            | 1,750                  | 2,210                    | (Apr 77) | 1,180   | (Jun 84) |
| Neutral Zone <sup>g</sup> | 680                    | 600                              | 600                    | 670                      | (Dec 76) | 370     | (Jun 84) |
| Nigeria                   | 2,500                  | 2,200                            | 2,200                  | 2,440                    | (Apr 79) | 1,300   | (Jun 84) |
| Qatar                     | 650                    | 600                              | 600                    | 610                      | (Dec 75) | 450     | (Jun 84) |
| Saudi Arabia <sup>f</sup> | 12,500 <sup>h</sup>    | 8,000                            | 8,500                  | 10,300                   | (Aug 81) | 5,250   | (Jun 84) |
| United Arab Emirates      | 2,550                  | 2,415                            | 1,550                  |                          |          |         |          |
| Abu Dhabi                 | 2,150                  | 2,035                            | 1,170                  | 1,830                    | (Nov 75) | 825     | (Jun 84) |
| Dubayy                    | 390                    | 370                              | 370                    | 370                      | (Jul 79) | 350     | (Jun 84) |
| Sharjah                   | 10                     | 10                               | 10                     | 60                       | (Dec 74) | 10      | (Jun 84) |
| Venezuela                 | 2,600                  | 2,500                            | 2,400                  | 1,870                    | (Jul 74) | 1,595   | (Jun 84) |

<sup>a</sup> Installed capacity, also called nameplate or design capacity, includes all aspects of crude oil production, processing, transportation, and storage. Installed capacity is generally the highest capacity estimate.

<sup>b</sup> Maximum sustainable or operational capacity is the maximum production rate that can be sustained for several months; it considers the experience of operating the total system and is generally some 90-95 percent of installed capacity. This capacity concept does not necessarily reflect the maximum production rate sustainable without damage to the fields.

<sup>c</sup> Available or allowable capacity reflects production ceilings announced by individual members. Iraqi capacity is limited by restrictions placed on exports as a result of the Iraq-Iran war and the closure of the Iraq-Syria pipeline.

<sup>d</sup> The precise loss in sustainable capacity remains uncertain.

<sup>e</sup> Prior to Iraq-Iran war.

<sup>f</sup> Excluding share of capacity in the Neutral Zone, shown separately.

<sup>g</sup> Capacity and production is shared equally between Kuwait and Saudi Arabia.

<sup>h</sup> In Saudi Arabia, the concept of "facility," rather than "installed" capacity, is used. Facility capacity refers to the total installed capacity of gas-oil separating plants, main trunk pipelines, and oil-load terminals; it does not include the capacity of salt water-oil separators or flow lines.

**OPEC Countries: Oil Consumption <sup>a</sup>***Thousand b/d*

|                           | 1975         | 1976         | 1977         | 1978         | 1979         | 1980         | 1981         | 1982 <sup>b</sup> | 1983 <sup>c</sup> |
|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|-------------------|
| <b>OPEC</b>               | <b>1,709</b> | <b>1,960</b> | <b>2,215</b> | <b>2,416</b> | <b>2,586</b> | <b>2,860</b> | <b>2,987</b> | <b>3,250</b>      | <b>3,461</b>      |
| Algeria                   | 70           | 83           | 94           | 95           | 116          | 120          | 127          | 138               | 145               |
| Ecuador                   | 39           | 44           | 51           | 62           | 72           | 75           | 82           | 89                | 97                |
| Gabon                     | 10           | 12           | 15           | 15           | 10           | 12           | 13           | 14                | 15                |
| Indonesia                 | 224          | 249          | 297          | 346          | 367          | 405          | 448          | 458               | 475               |
| Iran                      | 472          | 531          | 589          | 591          | 567          | 586          | 488          | 530               | 572               |
| Iraq                      | 104          | 121          | 138          | 162          | 185          | 207          | 212          | 228               | 246               |
| Kuwait <sup>d</sup>       | 94           | 102          | 103          | 110          | 125          | 110          | 127          | 153               | 169               |
| Libya                     | 51           | 56           | 67           | 74           | 87           | 93           | 101          | 110               | 118               |
| Nigeria                   | 69           | 91           | 113          | 136          | 156          | 174          | 200          | 208               | 217               |
| Qatar                     | 5            | 6            | 8            | 8            | 9            | 9            | 11           | 12                | 12                |
| Saudi Arabia <sup>d</sup> | 286          | 354          | 402          | 439          | 484          | 594          | 668          | 775               | 844               |
| UAE                       | 26           | 32           | 48           | 56           | 58           | 82           | 102          | 110               | 118               |
| Venezuela                 | 259          | 279          | 290          | 322          | 350          | 393          | 408          | 425               | 433               |

<sup>a</sup> Including domestic refined product consumption, refinery fuels and losses, and bunkers. Excluding LPG consumption. Oil consumption data for OPEC countries vary considerably among sources. Individual country source material offered the most comprehensive data. Where detailed country sources were lacking, OAEPC, OPEC, and other statistical sources were utilized. Department of Energy data were used for bunker sales and refinery fuels and losses.

<sup>b</sup> Preliminary.

<sup>c</sup> Estimated.

<sup>d</sup> Including Neutral Zone consumption shared between Saudi Arabia and Kuwait.

**Estimated Imports of Crude Oil and Refined Products, 1983***Thousand b/d*

|                          | US           | Japan        | Canada     | Western Europe Total      | West Germany | France       | UK         | Italy        | Netherlands  | Spain        | Other        |
|--------------------------|--------------|--------------|------------|---------------------------|--------------|--------------|------------|--------------|--------------|--------------|--------------|
| Algeria                  | 240          | 28           | 16         | 517                       | 96           | 136          | 21         | 56           | 73           | 60           | 75           |
| Bahrain                  | ...          | 24           | ...        | 6                         | NEGL         | 2            | 2          | NEGL         | ...          | 2            | ...          |
| Egypt                    | 25           | 16           | ...        | 228                       | 14           | 49           | 5          | 129          | 5            | 22           | 4            |
| Iraq                     | 10           | 14           | ...        | 369                       | 29           | 41           | 2          | 95           | 3            | 41           | 158          |
| Kuwait                   | 13           | 120          | 3          | 237                       | 28           | 20           | 6          | 87           | 63           | 1            | 32           |
| Libya                    | ...          | ...          | 5          | 915                       | 212          | 63           | 30         | 219          | 82           | 79           | 230          |
| Qatar                    | NEGL         | 144          | ...        | 74                        | 15           | 17           | ...        | 13           | 7            | 21           | 1            |
| Saudi Arabia             | 337          | 1,350        | 6          | 1,209                     | 142          | 289          | 86         | 245          | 49           | 116          | 282          |
| Syria                    | NEGL         | ...          | ...        | 14                        | 11           | ...          | 3          | ...          | ...          | ...          | ...          |
| United Arab Emirates     | 30           | 606          | ...        | 327                       | 29           | 127          | 14         | 67           | 13           | 61           | 16           |
| <b>OAEPC</b>             | <b>655</b>   | <b>2,302</b> | <b>30</b>  | <b>3,896</b>              | <b>576</b>   | <b>744</b>   | <b>169</b> | <b>911</b>   | <b>295</b>   | <b>403</b>   | <b>798</b>   |
| Ecuador                  | 61           | ...          | ...        | 2                         | ...          | ...          | ...        | ...          | ...          | 2            | ...          |
| Gabon                    | 59           | ...          | ...        | 64                        | 3            | 11           | 9          | 9            | 10           | 13           | 9            |
| Indonesia                | 338          | 571          | ...        | 10                        | ...          | ...          | 7          | ...          | 1            | 2            | ...          |
| Iran                     | 48           | 394          | 43         | 846                       | 41           | 85           | 12         | 238          | 138          | 147          | 185          |
| Nigeria                  | 302          | ...          | 14         | 655                       | 149          | 169          | 38         | 97           | 58           | 30           | 114          |
| Venezuela                | 422          | 24           | 61         | 338                       | 111          | 31           | 32         | 81           | 14           | 25           | 44           |
| <b>OPEC <sup>a</sup></b> | <b>1,860</b> | <b>3,251</b> | <b>148</b> | <b>5,563</b>              | <b>855</b>   | <b>989</b>   | <b>257</b> | <b>1,207</b> | <b>511</b>   | <b>598</b>   | <b>1,146</b> |
| Mexico                   | 826          | 131          | 59         | 404                       | 2            | 67           | 11         | 44           | 56           | 203          | 21           |
| Other <sup>b</sup>       | 2,340        | 891          | 96         | 2,604 <sup>c</sup>        | 1,304        | 744          | 507        | 462          | 968          | 209          | 1,985        |
| <b>Total</b>             | <b>5,051</b> | <b>4,313</b> | <b>303</b> | <b>8,819 <sup>c</sup></b> | <b>2,186</b> | <b>1,851</b> | <b>785</b> | <b>1,842</b> | <b>1,540</b> | <b>1,034</b> | <b>3,156</b> |

<sup>a</sup> OAEPC members excluding Bahrain, Egypt, and Syria plus other countries shown.

<sup>b</sup> Includes unknown.

<sup>c</sup> Excluding intra-European trade.

## Selected Developed Countries: Crude Oil Imports, by Source

Thousand b/d

|                                   | Sep 1973<br>(Pre-<br>Crisis<br>Level) | 1980  | 1981  | 1982  | 1983  | 1984        |       |       | Percent of Total |             |
|-----------------------------------|---------------------------------------|-------|-------|-------|-------|-------------|-------|-------|------------------|-------------|
|                                   |                                       |       |       |       |       | 1st<br>Half | Jun   | Jul   | Sep<br>1973      | Jul<br>1984 |
| United States                     |                                       |       |       |       |       |             |       |       |                  |             |
| Algeria                           | 124                                   | 452   | 253   | 90    | 176   | 200         | 176   | 187   | 3.6              | 5.1         |
| Egypt                             | ...                                   | 31    | 33    | 40    | 25    | 10          | 26    | 14    | ...              | 0.4         |
| Iraq                              | 17                                    | 88    | ...   | 3     | 10    | 1           | 3     | 67    | 0.5              | 1.8         |
| Kuwait                            | 44                                    | 20    | ...   | 2     | 7     | 21          | 36    | 6     | 1.3              | 0.2         |
| Libya                             | 153                                   | 546   | 318   | 23    | ...   | ...         | ...   | ...   | 4.4              | ...         |
| Qatar                             | 41                                    | 31    | 22    | 7     | ...   | ...         | ...   | ...   | ...              | ...         |
| Saudi Arabia                      | 599                                   | 1,247 | 1,111 | 530   | 321   | 345         | 399   | 426   | 17.3             | 11.7        |
| United Arab Emirates <sup>a</sup> | 88                                    | 179   | 78    | 81    | 18    | 81          | 18    | 89    | 2.5              | 2.4         |
| Other <sup>b</sup>                | ...                                   | 2     | 6     | ...   | ...   | ...         | ...   | ...   | ...              | ...         |
| Total OAPEC                       | 1,066                                 | 2,587 | 1,806 | 776   | 557   | 658         | 658   | 789   | 30.7             | 21.6        |
| Ecuador                           | 33                                    | 16    | 36    | 32    | 56    | 50          | 36    | 48    | 0.9              | 1.3         |
| Gabon                             | ...                                   | 25    | 35    | 40    | 59    | 47          | 24    | 105   | ...              | 2.9         |
| Indonesia                         | 249                                   | 307   | 319   | 226   | 315   | 276         | 366   | 344   | 7.2              | 9.4         |
| Iran                              | 205                                   | 7     | ...   | 35    | 48    | 11          | ...   | ...   | 5.9              | ...         |
| Nigeria                           | 409                                   | 831   | 612   | 510   | 301   | 252         | 233   | 196   | 11.8             | 5.4         |
| Venezuela                         | 405                                   | 154   | 150   | 155   | 164   | 252         | 245   | 272   | 11.7             | 7.5         |
| Total OPEC <sup>c</sup>           | 2,367                                 | 3,894 | 2,919 | 1,734 | 1,475 | 1,536       | 1,536 | 1,740 | 68.2             | 47.7        |
| Canada                            | 998                                   | 199   | 164   | 214   | 274   | 344         | 274   | 291   | 28.8             | 8.0         |
| Mexico                            | 8                                     | 504   | 471   | 645   | 766   | 665         | 651   | 658   | 0.2              | 18.0        |
| UK                                | ...                                   | 174   | 368   | 441   | 365   | 326         | 305   | 352   | ...              | 9.7         |
| Norway                            | ...                                   | 141   | 114   | 102   | 65    | 106         | 151   | 179   | ...              | 4.9         |
| Other <sup>d</sup>                | 98                                    | 275   | 331   | 312   | 359   | 382         | 467   | 412   | 2.8              | 11.3        |
| Total                             | 3,471                                 | 5,220 | 4,406 | 3,488 | 3,329 | 3,369       | 3,410 | 3,646 | 100.0            | 100.0       |

|                                   | Sep 1973<br>(Pre-<br>Crisis<br>Level) | 1980 | 1981 | 1982 | 1983 | 1984        |     |     | Percent of Total |             |
|-----------------------------------|---------------------------------------|------|------|------|------|-------------|-----|-----|------------------|-------------|
|                                   |                                       |      |      |      |      | 1st<br>Half | May | Jun | Sep<br>1973      | Jun<br>1984 |
| Canada                            |                                       |      |      |      |      |             |     |     |                  |             |
| Algeria                           | ...                                   | ...  | 17   | 21   | 15   | 19          | 39  | 18  | ...              | 7.9         |
| Egypt                             | ...                                   | ...  | ...  | ...  | ...  | ...         | ... | ... | ...              | ...         |
| Iraq                              | 23                                    | 19   | NEGL | ...  | ...  | ...         | ... | ... | 2.4              | ...         |
| Kuwait                            | ...                                   | 12   | 12   | NEGL | 3    | ...         | ... | ... | ...              | ...         |
| Libya                             | 56                                    | 5    | 8    | 1    | 5    | 10          | 15  | ... | 6.0              | ...         |
| Qatar                             | ...                                   | ...  | ...  | ...  | ...  | ...         | ... | ... | ...              | ...         |
| Saudi Arabia                      | 82                                    | 216  | 170  | 54   | 6    | ...         | ... | ... | 8.7              | ...         |
| United Arab Emirates <sup>a</sup> | 49                                    | 8    | 3    | 2    | ...  | ...         | ... | ... | 5.2              | ...         |
| Other <sup>b</sup>                | ...                                   | ...  | ...  | ...  | ...  | ...         | ... | ... | ...              | ...         |
| Total OAPEC                       | 210                                   | 260  | 210  | 78   | 29   | 29          | 54  | 18  | 22.3             | 7.9         |
| Ecuador                           | 13                                    | ...  | ...  | ...  | ...  | ...         | ... | ... | 1.4              | ...         |
| Gabon                             | ...                                   | ...  | ...  | ...  | ...  | ...         | ... | ... | ...              | ...         |
| Indonesia                         | ...                                   | ...  | ...  | ...  | ...  | ...         | ... | ... | ...              | ...         |
| Iran                              | 149                                   | 45   | 1    | ...  | 43   | 17          | ... | ... | 15.9             | ...         |
| Nigeria                           | 39                                    | 3    | 4    | 4    | 15   | 29          | ... | ... | 4.1              | ...         |
| Venezuela                         | 485                                   | 171  | 144  | 115  | 56   | 71          | 55  | 125 | 51.6             | 54.8        |
| Total OPEC <sup>c</sup>           | 896                                   | 435  | 358  | 206  | 143  | 146         | 109 | 143 | 95.3             | 62.7        |
| Mexico                            | ...                                   | ...  | 58   | 54   | 57   | 43          | 36  | 46  | ...              | 20.2        |
| Other <sup>d</sup>                | 44                                    | 122  | 105  | 74   | 47   | 72          | 56  | 39  | 4.7              | 17.1        |
| Total                             | 940                                   | 557  | 521  | 334  | 247  | 261         | 201 | 228 | 100.0            | 100.0       |

**Selected Developed Countries: Crude Oil Imports, by Source (continued)**

Thousand b/d

|                                   | Sep 1973<br>(Pre-<br>Crisis<br>Level) | 1980  | 1981  | 1982  | 1983  | 1984        |       |       | Percent of Total |             |
|-----------------------------------|---------------------------------------|-------|-------|-------|-------|-------------|-------|-------|------------------|-------------|
|                                   |                                       |       |       |       |       | 1st<br>Half | Jun   | Jul   | Sep<br>1973      | Jul<br>1984 |
| Japan                             |                                       |       |       |       |       |             |       |       |                  |             |
| Algeria                           | ...                                   | 27    | 43    | 41    | 28    | 10          | 27    | ...   | ...              | ...         |
| Egypt                             | ...                                   | 3     | 5     | 7     | 16    | 8           | ...   | ...   | ...              | ...         |
| Iraq                              | ...                                   | 340   | 58    | 62    | 14    | 20          | ...   | ...   | ...              | ...         |
| Kuwait                            | 488                                   | 174   | 182   | 62    | 67    | 105         | 77    | 103   | 10.0             | 2.9         |
| Libya                             | 31                                    | 22    | 21    | 2     | ...   | ...         | ...   | ...   | 0.6              | ...         |
| Qatar                             | ...                                   | 132   | 139   | 131   | 133   | 222         | 147   | 242   | ...              | 6.9         |
| Saudi Arabia                      | 1,148                                 | 1,544 | 1,474 | 1,468 | 1,186 | 1,185       | 1,031 | 1,144 | 23.5             | 32.6        |
| United Arab Emirates <sup>a</sup> | 511                                   | 594   | 538   | 497   | 544   | 539         | 392   | 630   | 10.5             | 18.0        |
| Other <sup>b</sup>                | ...                                   | ...   | 3     | ...   | ...   | ...         | ...   | ...   | ...              | ...         |
| Total OAPEC                       | 2,178                                 | 2,836 | 2,463 | 2,270 | 1,988 | 2,089       | 1,674 | 2,119 | 44.6             | 60.5        |
| Ecuador                           | ...                                   | 17    | 26    | ...   | ...   | ...         | ...   | ...   | ...              | ...         |
| Gabon                             | ...                                   | ...   | ...   | ...   | ...   | ...         | ...   | ...   | ...              | ...         |
| Indonesia                         | 638                                   | 625   | 631   | 561   | 507   | 527         | 431   | 450   | 13.1             | 12.8        |
| Iran                              | 1,554                                 | 288   | 135   | 216   | 392   | 383         | 112   | 64    | 31.9             | 1.8         |
| Nigeria                           | 101                                   | 7     | 21    | ...   | ...   | ...         | ...   | ...   | 2.1              | ...         |
| Venezuela                         | 7                                     | 38    | 42    | 28    | 20    | 19          | 23    | 12    | 0.1              | 0.3         |
| Total OPEC <sup>c</sup>           | 4,478                                 | 3,808 | 3,310 | 3,068 | 2,891 | 3,010       | 2,240 | 2,645 | 91.8             | 75.5        |
| Mexico                            | ...                                   | 25    | 72    | 96    | 131   | 156         | 158   | 155   | ...              | 4.4         |
| Other <sup>d</sup>                | 400                                   | 537   | 529   | 486   | 529   | 618         | 699   | 704   | 8.2              | 20.1        |
| Total                             | 4,878                                 | 4,373 | 3,919 | 3,657 | 3,567 | 3,792       | 3,097 | 3,504 | 100.0            | 100.0       |

|                         | Sep 1973<br>(Pre-<br>Crisis<br>Level) | 1980 | 1981 | 1982 | 1983 | 1984        |            |     | Percent of Total |             |
|-------------------------|---------------------------------------|------|------|------|------|-------------|------------|-----|------------------|-------------|
|                         |                                       |      |      |      |      | 1st<br>Half | 1st<br>Qtr | Jul | Sep<br>1973      | Jul<br>1984 |
| United Kingdom          |                                       |      |      |      |      |             |            |     |                  |             |
| Abu Dhabi               | 28                                    | 48   | 42   | 22   | 4    | 2           | ...        | ... | 1.5              | ...         |
| Algeria                 | 46                                    | 8    | 7    | 6    | 5    | 5           | 2          | ... | 2.4              | ...         |
| Egypt                   | ...                                   | 57   | 30   | 51   | 4    | 3           | 5          | 55  | ...              | 12.8        |
| Iraq                    | 67                                    | 108  | 8    | 10   | 2    | 3           | ...        | ... | 3.5              | ...         |
| Kuwait                  | 293                                   | 112  | 81   | 4    | ...  | ...         | ...        | ... | 15.3             | ...         |
| Libya                   | 98                                    | 2    | 6    | 38   | 19   | 7           | 7          | 22  | 5.1              | 5.1         |
| Qatar                   | 73                                    | 7    | 1    | 4    | ...  | ...         | ...        | ... | 3.8              | ...         |
| Saudi Arabia            | 530                                   | 366  | 347  | 167  | 85   | 34          | 11         | 82  | 27.6             | 19.1        |
| Other <sup>b</sup>      | ...                                   | ...  | ...  | 3    | 2    | 3           | 6          | ... | ...              | ...         |
| Total OAPEC             | 1,135                                 | 708  | 522  | 305  | 121  | 57          | 31         | 159 | 59.2             | 37.1        |
| Dubayy                  | 48                                    | 9    | ...  | 5    | 10   | 3           | ...        | ... | 2.5              | ...         |
| Ecuador                 | ...                                   | ...  | ...  | ...  | ...  | ...         | ...        | ... | ...              | ...         |
| Gabon                   | ...                                   | 1    | 6    | 4    | 9    | 6           | ...        | ... | ...              | ...         |
| Indonesia               | ...                                   | ...  | ...  | 1    | 7    | 8           | 7          | ... | ...              | ...         |
| Iran                    | 317                                   | 17   | 25   | 32   | 12   | 47          | 52         | 34  | 16.5             | 7.9         |
| Nigeria                 | 188                                   | 9    | 2    | 34   | 38   | 15          | 5          | 28  | 9.8              | 6.5         |
| Venezuela               | 66                                    | 26   | 23   | 24   | 23   | 20          | 20         | 22  | 3.4              | 5.1         |
| Total OPEC <sup>c</sup> | 1,754                                 | 713  | 548  | 348  | 214  | 150         | 104        | 188 | 91.5             | 43.8        |
| Mexico                  | ...                                   | 6    | 8    | 9    | 11   | 17          | 20         | 22  | ...              | 5.1         |
| Norway                  | NA                                    | 51   | 62   | 61   | 129  | 176         | 157        | 121 | ...              | 28.2        |
| Other <sup>d</sup>      | 163                                   | 117  | 88   | 94   | 96   | 88          | 75         | 43  | 8.5              | 10.0        |
| Total                   | 1,917                                 | 893  | 736  | 565  | 456  | 437         | 367        | 429 | 100.0            | 100.0       |



## Selected Developed Countries: Crude Oil Imports, by Source (continued)

Thousand b/d

|                                   | Sep 1973<br>(Pre-<br>Crisis<br>Level) | 1980  | 1981  | 1982  | 1983  | 1984        |       |       | Percent of Total |             |
|-----------------------------------|---------------------------------------|-------|-------|-------|-------|-------------|-------|-------|------------------|-------------|
|                                   |                                       |       |       |       |       | 1st<br>Half | Jul   | Aug   | Sep<br>1973      | Aug<br>1984 |
| West Germany                      |                                       |       |       |       |       |             |       |       |                  |             |
| Algeria                           | 239                                   | 126   | 118   | 84    | 74    | 61          | 46    | 47    | 10.4             | 4.3         |
| Egypt                             | ...                                   | 5     | 10    | 21    | 13    | 22          | 29    | 32    | ...              | 3.0         |
| Iraq                              | 43                                    | 57    | 4     | 16    | 29    | 37          | 43    | NEGL  | 4.8              | NEGL        |
| Kuwait                            | 102                                   | 16    | 12    | ...   | 6     | 6           | 26    | ...   | 4.4              | ...         |
| Libya                             | 418                                   | 296   | 208   | 220   | 209   | 239         | 182   | 106   | 18.2             | 9.8         |
| Qatar                             | 18                                    | 4     | 6     | 8     | 15    | 11          | 9     | 18    | 0.8              | 1.7         |
| Saudi Arabia                      | 710                                   | 490   | 511   | 338   | 140   | 85          | 143   | 109   | 30.9             | 10.1        |
| United Arab Emirates <sup>a</sup> | 162                                   | 128   | 72    | 46    | 29    | 25          | 8     | 50    | 7.1              | 4.6         |
| Other <sup>b</sup>                | 26                                    | 8     | 11    | 9     | 11    | 17          | 46    | 39    | 1.1              | 3.6         |
| Total OAPEC                       | 1,718                                 | 1,130 | 952   | 742   | 526   | 503         | 532   | 401   | 74.8             | 37.0        |
| Ecuador                           | ...                                   | ...   | ...   | ...   | ...   | ...         | ...   | ...   | ...              | ...         |
| Gabon                             | 32                                    | 16    | 7     | 4     | 1     | 10          | ...   | ...   | 1.4              | ...         |
| Indonesia                         | ...                                   | ...   | NEGL  | NEGL  | ...   | ...         | ...   | ...   | ...              | ...         |
| Iran                              | 248                                   | 115   | 30    | 46    | 41    | 41          | 53    | 94    | 10.8             | 8.7         |
| Nigeria                           | 168                                   | 219   | 103   | 133   | 149   | 205         | 209   | 141   | 7.3              | 13.0        |
| Venezuela                         | 42                                    | 29    | 29    | 40    | 104   | 89          | 122   | 41    | 1.8              | 3.8         |
| Total OPEC <sup>c</sup>           | 2,182                                 | 1,496 | 1,100 | 935   | 797   | 809         | 841   | 606   | 95.0             | 56.0        |
| UK                                | ...                                   | 292   | 321   | 307   | 286   | 362         | 307   | 317   | ...              | 29.3        |
| Norway                            | NEGL                                  | 61    | 56    | 49    | 76    | 51          | NEGL  | 11    | NEGL             | 1.0         |
| Mexico                            | ...                                   | 1     | 2     | 1     | 1     | ...         | ...   | ...   | ...              | ...         |
| Other <sup>d</sup>                | 89                                    | 90    | 91    | 129   | 123   | 136         | 160   | 78    | 3.9              | 7.2         |
| Total                             | 2,297                                 | 1,953 | 1,591 | 1,451 | 1,307 | 1,397       | 1,383 | 1,083 | 100.0            | 100.0       |

|                                | Sep 1973<br>(Pre-<br>Crisis<br>Level) | 1980         | 1981         | 1982         | 1983         | 1984         |              |              | Percent of Total |              |
|--------------------------------|---------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|
|                                |                                       |              |              |              |              | 1st<br>Half  | Jun          | Jul          | Sep<br>1973      | Jul<br>1984  |
| France                         |                                       |              |              |              |              |              |              |              |                  |              |
| Abu Dhabi                      | 249                                   | 145          | 117          | 65           | 63           | 38           | 67           | ...          | 9.0              | ...          |
| Algeria                        | 227                                   | 84           | 85           | 105          | 99           | 96           | 106          | 35           | 8.2              | 3.0          |
| Egypt                          | 1                                     | ...          | 3            | 17           | 44           | 53           | 21           | 38           | NEGL             | 3.2          |
| Iraq                           | 375                                   | 467          | 46           | 29           | 40           | 60           | 20           | 41           | 13.6             | 3.5          |
| Kuwait                         | 316                                   | 59           | 24           | 6            | ...          | ...          | ...          | ...          | ...              | ...          |
| Libya                          | 131                                   | 36           | 29           | 49           | 61           | 91           | 22           | ...          | 4.7              | ...          |
| Qatar                          | 69                                    | 49           | 52           | 41           | 17           | 41           | 58           | 23           | 2.5              | 1.9          |
| Saudi Arabia                   | 623                                   | 763          | 919          | 541          | 281          | 217          | 282          | 274          | 22.5             | 23.2         |
| Other <sup>b</sup>             | 12                                    | 3            | 18           | 18           | ...          | 13           | 18           | ...          | 0.4              | ...          |
| <b>Total OAPEC</b>             | <b>2,003</b>                          | <b>1,606</b> | <b>1,293</b> | <b>871</b>   | <b>605</b>   | <b>609</b>   | <b>594</b>   | <b>411</b>   | <b>72.5</b>      | <b>34.8</b>  |
| Dubayy                         | 27                                    | 8            | 26           | 55           | 47           | 70           | 158          | 39           | 1.0              | 3.3          |
| Ecuador                        | ...                                   | ...          | ...          | ...          | ...          | ...          | ...          | ...          | ...              | ...          |
| Gabon                          | 33                                    | 28           | 15           | 24           | 11           | 22           | ...          | 21           | 1.2              | 1.8          |
| Indonesia                      | ...                                   | ...          | ...          | ...          | ...          | ...          | ...          | ...          | ...              | ...          |
| Iran                           | 216                                   | 24           | 29           | 71           | 85           | 65           | 90           | 113          | 7.8              | 9.6          |
| Nigeria                        | 253                                   | 221          | 111          | 132          | 168          | 227          | 117          | 158          | 9.2              | 13.4         |
| Venezuela                      | 36                                    | 21           | 39           | 23           | 23           | 12           | 10           | 17           | 1.3              | 1.4          |
| <b>Total OPEC <sup>c</sup></b> | <b>2,555</b>                          | <b>1,905</b> | <b>1,492</b> | <b>1,141</b> | <b>895</b>   | <b>939</b>   | <b>930</b>   | <b>721</b>   | <b>92.4</b>      | <b>61.0</b>  |
| UK                             | ...                                   | 54           | 45           | 88           | 179          | 242          | 116          | 235          | ...              | 19.9         |
| Norway                         | ...                                   | 36           | 38           | 52           | 37           | 31           | 16           | 59           | ...              | 5.0          |
| Mexico                         | ...                                   | 23           | 55           | 59           | 67           | 77           | 70           | 31           | ...              | 2.6          |
| Other <sup>d</sup>             | 196                                   | 161          | 153          | 221          | 207          | 153          | 129          | 97           | 7.1              | 8.2          |
| <b>Total</b>                   | <b>2,764</b>                          | <b>2,182</b> | <b>1,804</b> | <b>1,596</b> | <b>1,429</b> | <b>1,508</b> | <b>1,300</b> | <b>1,181</b> | <b>100.0</b>     | <b>100.0</b> |

## Selected Developed Countries: Crude Oil Imports, by Source (continued)

Thousand b/d

|                                   | 4th Qtr<br>1973<br>(Pre-<br>Crisis<br>Level) | 1980         | 1981         | 1982         | 1983         | 1984<br>1st<br>Qtr | Percent of Total |                 |
|-----------------------------------|--|--------------|--------------|--------------|--------------|--------------------|------------------|-----------------|
|                                   |  |              |              |              |              |                    | 4th Qtr<br>1973  | 1st Qtr<br>1984 |
| <b>Italy</b>                      |  |              |              |              |              |                    |                  |                 |
| Algeria                           | 61   | 46           | 67           | 66           | 31           | 41                 | 2.4              | 2.5             |
| Egypt                             | ...  | 122          | 137          | 105          | 128          | 147                | ...              | 8.8             |
| Iraq                              | 383  | 236          | 156          | 114          | 94           | 63                 | 15.2             | 3.8             |
| Kuwait                            | 212  | 53           | 28           | 45           | 43           | 53                 | 8.4              | 3.2             |
| Libya                             | 597  | 243          | 211          | 216          | 214          | 243                | 23.7             | 14.6            |
| Qatar                             | 21   | 28           | 33           | 28           | 13           | ...                | 0.8              | ...             |
| Saudi Arabia                      | 692  | 584          | 629          | 384          | 240          | 318                | 27.5             | 19.1            |
| United Arab Emirates <sup>a</sup> | ...  | 47           | 45           | 35           | 52           | 40                 | ...              | 2.4             |
| Other <sup>b</sup>                | ...  | ...          | ...          | ...          | ...          | ...                | ...              | ...             |
| <b>Total OAPEC</b>                | <b>1,966</b>                                 | <b>1,359</b> | <b>1,306</b> | <b>993</b>   | <b>815</b>   | <b>905</b>         | <b>78.2</b>      | <b>54.3</b>     |
| Ecuador                           | ...  | 7            | ...          | ...          | ...          | ...                | ...              | ...             |
| Gabon                             | 3  | 8            | 4            | ...          | 8            | ...                | 0.1              | ...             |
| Indonesia                         | ...  | 5            | 24           | 2            | ...          | ...                | ...              | ...             |
| Iran                              | 277  | 19           | 55           | 258          | 237          | 202                | 11.0             | 12.1            |
| Nigeria                           | 9  | 69           | 48           | 65           | 97           | 154                | 0.4              | 9.2             |
| Venezuela                         | 18   | 49           | 75           | 50           | 43           | 40                 | 0.7              | 2.4             |
| <b>Total OPEC <sup>c</sup></b>    | <b>2,273</b>                                 | <b>1,387</b> | <b>1,079</b> | <b>1,263</b> | <b>1,072</b> | <b>1,154</b>       | <b>90.4</b>      | <b>69.2</b>     |
| UK                                | ...  | 7            | 1            | 2            | 16           | 18                 | ...              | 1.1             |
| Norway                            | ...  | 5            | 1            | 4            | 5            | ...                | ...              | ...             |
| Mexico                            | ...  | 12           | 28           | 73           | 44           | 38                 | ...              | 2.3             |
| Other <sup>d</sup>                | 241  | 327          | 274          | 263          | 267          | 310                | 9.6              | 18.6            |
| <b>Total</b>                      | <b>2,514</b>                                 | <b>1,860</b> | <b>1,816</b> | <b>1,710</b> | <b>1,532</b> | <b>1,667</b>       | <b>100.0</b>     | <b>100.0</b>    |

<sup>a</sup> Oil production from Dubayy and Sharjah is included in both OPEC and OAPEC statistics under the umbrella of the United Arab Emirates, although both pursue oil policies generally independent of either organization.

<sup>b</sup> Including, when applicable, Bahrain and Syria.

<sup>c</sup> Consisting of OAPEC members (excluding Bahrain, Egypt, and Syria) plus the other countries shown.

<sup>d</sup> Including data that cannot be distributed by area of origin.

Selected Developed Countries: Trends in Oil Trade <sup>a</sup>

Thousand b/d

|                                   | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec   | Avg   |
|-----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>United States <sup>b</sup></b> |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 1973                              |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports                     | 2,732 | 2,873 | 3,162 | 3,049 | 3,215 | 3,220 | 3,501 | 3,593 | 3,471 | 3,740 | 3,452 | 2,891 | 3,244 |
| Product imports                   | 3,125 | 3,635 | 3,448 | 2,545 | 2,626 | 2,670 | 2,678 | 2,999 | 2,941 | 2,894 | 3,470 | 3,164 | 3,012 |
| Total imports                     | 5,857 | 6,508 | 6,610 | 5,594 | 5,841 | 5,890 | 6,179 | 6,592 | 6,412 | 6,634 | 6,922 | 6,055 | 6,256 |
| Exports                           | 211   | 261   | 224   | 276   | 237   | 215   | 241   | 218   | 243   | 222   | 203   | 228   | 231   |
| Net imports                       | 5,646 | 6,247 | 6,386 | 5,318 | 5,604 | 5,675 | 5,938 | 6,374 | 6,169 | 6,412 | 6,719 | 5,827 | 6,025 |
| 1982                              |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports                     | 3,648 | 2,949 | 2,856 | 2,813 | 3,314 | 3,782 | 4,245 | 3,820 | 3,603 | 3,636 | 3,863 | 2,956 | 3,488 |
| Product imports                   | 1,585 | 1,742 | 1,606 | 1,474 | 1,470 | 1,445 | 1,518 | 1,336 | 1,757 | 1,594 | 1,864 | 1,606 | 1,625 |
| Total imports                     | 5,233 | 4,691 | 4,462 | 4,287 | 4,784 | 5,227 | 5,763 | 5,156 | 5,360 | 5,230 | 5,727 | 4,562 | 5,113 |
| Exports                           | 829   | 804   | 882   | 786   | 803   | 703   | 741   | 858   | 791   | 932   | 786   | 860   | 815   |
| Net imports                       | 4,404 | 3,887 | 3,580 | 3,501 | 3,981 | 4,524 | 5,022 | 4,298 | 4,569 | 4,298 | 4,941 | 3,702 | 4,298 |
| 1983                              |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports                     | 2,964 | 2,267 | 2,290 | 3,118 | 3,360 | 3,577 | 3,871 | 4,227 | 4,210 | 3,446 | 3,337 | 3,213 | 3,329 |
| Product imports                   | 1,474 | 1,459 | 1,400 | 1,609 | 1,729 | 1,749 | 1,870 | 1,933 | 1,919 | 1,812 | 1,873 | 1,820 | 1,722 |
| Total imports                     | 4,438 | 3,726 | 3,690 | 4,727 | 5,089 | 5,326 | 5,741 | 6,160 | 6,129 | 5,258 | 5,210 | 5,033 | 5,051 |
| Exports                           | 973   | 865   | 801   | 809   | 848   | 774   | 571   | 663   | 684   | 576   | 679   | 639   | 739   |
| Net imports                       | 3,465 | 2,861 | 2,889 | 3,918 | 4,241 | 4,552 | 5,170 | 5,497 | 5,445 | 4,682 | 4,531 | 4,394 | 4,312 |
| 1984                              |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports                     | 3,029 | 2,952 | 3,455 | 3,417 | 3,927 | 3,410 | 3,646 | 3,312 | 3,453 |       |       |       |       |
| Product imports                   | 1,980 | 2,349 | 1,506 | 1,488 | 1,541 | 1,560 | 1,417 | 1,743 | 1,811 |       |       |       |       |
| Total imports                     | 5,009 | 5,301 | 4,961 | 4,905 | 5,468 | 4,970 | 5,063 | 5,055 | 5,264 |       |       |       |       |
| Exports                           | 575   | 579   | 835   | 653   | 764   | 861   | 534   | 760   | 720   |       |       |       |       |
| Net imports                       | 4,434 | 4,722 | 4,126 | 4,252 | 4,704 | 4,109 | 4,529 | 4,295 | 4,544 |       |       |       |       |
| <b>Canada</b>                     |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 1973                              |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports                     | 945   | 975   | 932   | 772   | 930   | 741   | 1,058 | 937   | 940   | 799   | 934   | 802   | 897   |
| Product imports                   | 178   | 108   | 70    | 52    | 134   | 136   | 137   | 168   | 120   | 147   | 155   | 164   | 130   |
| Total imports                     | 1,123 | 1,083 | 1,002 | 824   | 1,064 | 877   | 1,195 | 1,105 | 1,060 | 946   | 1,089 | 966   | 1,027 |
| Exports                           | 1,357 | 1,500 | 1,364 | 1,472 | 1,495 | 1,446 | 1,162 | 1,298 | 1,300 | 1,363 | 1,357 | 1,237 | 1,364 |
| Net imports                       | -234  | -417  | -362  | -648  | -431  | -569  | 33    | -193  | -240  | -417  | -268  | -271  | -337  |
| 1982                              |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports                     | 413   | 413   | 413   | 330   | 330   | 330   | 338   | 338   | 338   | 258   | 258   | 258   | 334   |
| Product imports                   | 51    | 51    | 51    | 34    | 34    | 34    | 37    | 37    | 37    | 38    | 38    | 38    | 40    |
| Total imports                     | 464   | 464   | 464   | 364   | 364   | 364   | 375   | 375   | 375   | 296   | 296   | 296   | 374   |
| Exports                           | 458   | 458   | 458   | 420   | 420   | 420   | 517   | 517   | 517   | 532   | 532   | 532   | 483   |
| Net imports                       | 6     | 6     | 6     | -56   | -56   | -56   | -142  | -142  | -142  | -236  | -236  | -236  | -109  |
| 1983                              |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports                     | 353   | 215   | 195   | 143   | 93    | 137   | 325   | 381   | 368   | 379   | 184   | 183   | 247   |
| Product imports                   | 34    | 62    | 20    | 34    | 19    | 37    | 45    | 67    | 65    | 65    | 90    | 118   | 56    |
| Total imports                     | 387   | 277   | 215   | 177   | 112   | 174   | 370   | 448   | 433   | 444   | 274   | 301   | 303   |
| Exports                           | 334   | 329   | 371   | 394   | 415   | 481   | 439   | 478   | 454   | 460   | 437   | 434   | 417   |
| Net imports                       | 53    | -52   | -156  | -217  | -303  | -307  | -69   | -30   | -21   | -16   | -163  | -133  | -114  |
| 1984                              |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports                     | 359   | 287   | 319   | 179   | 201   | 228   | 258   |       |       |       |       |       |       |
| Product imports                   | 83    | 77    | 70    | 37    | 63    | 94    | 29    |       |       |       |       |       |       |
| Total imports                     | 442   | 364   | 389   | 216   | 264   | 322   | 287   |       |       |       |       |       |       |
| Exports                           | 434   | 430   | 523   | 591   | 599   | 426   | 442   |       |       |       |       |       |       |
| Net imports                       | 8     | -66   | -134  | -375  | -335  | -104  | -155  |       |       |       |       |       |       |
| <b>Japan</b>                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 1973                              |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports                     | 4,662 | 4,775 | 4,830 | 4,864 | 4,918 | 5,043 | 4,697 | 5,550 | 4,878 | 5,483 | 5,029 | 5,139 | 4,992 |
| Product imports                   | 640   | 803   | 650   | 542   | 664   | 640   | 523   | 507   | 443   | 592   | 533   | 486   | 584   |
| Total imports                     | 5,302 | 5,578 | 5,480 | 5,406 | 5,582 | 5,683 | 5,220 | 6,057 | 5,321 | 6,075 | 5,562 | 5,625 | 5,576 |
| Exports                           | 11    | 33    | 23    | 28    | 19    | 13    | 39    | 31    | 21    | 25    | 13    | 25    | 24    |
| Net imports                       | 5,291 | 5,545 | 5,457 | 5,378 | 5,563 | 5,670 | 5,181 | 6,026 | 5,300 | 6,050 | 5,549 | 5,600 | 5,552 |

Selected Developed Countries: Trends in Oil Trade <sup>a</sup> (continued)

Thousand b/d

|                            | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec   | Avg   |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Japan (continued)          |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 1982                       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports <sup>c</sup> | 4,094 | 4,499 | 4,289 | 3,872 | 3,453 | 2,679 | 3,142 | 3,353 | 3,247 | 3,403 | 4,083 | 3,833 | 3,657 |
| Product imports            | 826   | 838   | 733   | 806   | 744   | 786   | 773   | 775   | 824   | 694   | 798   | 941   | 794   |
| Total imports              | 4,920 | 5,337 | 5,022 | 4,678 | 4,197 | 3,465 | 3,915 | 4,128 | 4,071 | 4,097 | 4,881 | 4,774 | 4,451 |
| Exports                    | 7     | 6     | 12    | 8     | 6     | 9     | 5     | 9     | 8     | 7     | 5     | 7     | 7     |
| Net imports                | 4,913 | 5,331 | 5,010 | 4,670 | 4,191 | 3,456 | 3,910 | 4,119 | 4,063 | 4,090 | 4,876 | 4,767 | 4,444 |
| 1983                       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports <sup>c</sup> | 3,973 | 3,715 | 3,672 | 3,604 | 2,975 | 3,337 | 3,007 | 2,981 | 3,590 | 3,344 | 3,953 | 4,677 | 3,567 |
| Product imports            | 670   | 724   | 693   | 695   | 697   | 764   | 706   | 751   | 821   | 780   | 874   | 787   | 746   |
| Total imports              | 4,643 | 4,439 | 4,365 | 4,299 | 3,672 | 4,101 | 3,713 | 3,732 | 4,411 | 4,124 | 4,827 | 5,464 | 4,313 |
| Exports                    | 5     | 6     | 10    | 10    | 6     | 6     | 7     | 7     | 7     | 9     | 9     | 9     | 8     |
| Net imports                | 4,638 | 4,433 | 4,355 | 4,289 | 3,666 | 4,095 | 3,706 | 3,725 | 4,404 | 4,115 | 4,818 | 5,455 | 4,305 |
| 1984                       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports              | 3,591 | 4,102 | 4,432 | 3,636 | 3,885 | 3,097 | 3,504 |       |       |       |       |       |       |
| Product imports            | 840   | 913   | 732   | 744   | 855   | 780   | 857   |       |       |       |       |       |       |
| Total imports              | 4,431 | 5,015 | 5,164 | 4,380 | 4,740 | 3,877 | 4,361 |       |       |       |       |       |       |
| Exports                    | 10    | 10    | 12    | 8     | 11    | 8     | 9     |       |       |       |       |       |       |
| Net imports                | 4,421 | 5,005 | 5,152 | 4,372 | 4,729 | 3,869 | 4,352 |       |       |       |       |       |       |
| France                     |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 1973                       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports              | 2,897 | 2,699 | 2,955 | 2,728 | 2,540 | 2,676 | 2,288 | 2,791 | 2,764 | 2,797 | 3,053 | 2,549 | 2,728 |
| Product imports            | 137   | 174   | 148   | 142   | 176   | 128   | 138   | 169   | 139   | 171   | 126   | 117   | 147   |
| Total imports              | 3,034 | 2,873 | 3,103 | 2,870 | 2,716 | 2,804 | 2,426 | 2,960 | 2,903 | 2,968 | 3,179 | 2,666 | 2,875 |
| Exports                    | 255   | 260   | 232   | 226   | 317   | 290   | 246   | 307   | 307   | 261   | 253   | 279   | 269   |
| Net imports                | 2,779 | 2,613 | 2,871 | 2,644 | 2,399 | 2,514 | 2,180 | 2,653 | 2,596 | 2,707 | 2,926 | 2,387 | 2,606 |
| 1982                       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports              | 1,947 | 1,791 | 1,627 | 1,500 | 1,222 | 1,697 | 1,545 | 1,240 | 1,413 | 1,285 | 1,358 | 1,467 | 1,596 |
| Product imports            | 382   | 359   | 391   | 377   | 393   | 525   | 370   | 468   | 559   | 521   | 537   | 518   | 381   |
| Total imports              | 2,329 | 2,150 | 2,018 | 1,877 | 1,615 | 2,222 | 1,915 | 1,708 | 1,972 | 1,806 | 1,895 | 1,985 | 1,977 |
| Exports                    | 295   | 363   | 210   | 308   | 278   | 198   | 217   | 172   | 203   | 184   | 262   | 244   | 244   |
| Net imports                | 2,034 | 1,787 | 1,808 | 1,569 | 1,337 | 2,024 | 1,698 | 1,536 | 1,769 | 1,622 | 1,633 | 1,741 | 1,733 |
| 1983                       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports              | 1,594 | 1,163 | 1,155 | 1,148 | 1,331 | 1,492 | 1,438 | 1,399 | 1,254 | 1,393 | 1,245 | 1,689 | 1,429 |
| Product imports            | 477   | 467   | 508   | 470   | 613   | 446   | 475   | 366   | 351   | 324   | 481   | 443   | 422   |
| Total imports              | 2,071 | 1,630 | 1,663 | 1,618 | 1,944 | 1,938 | 1,913 | 1,765 | 1,605 | 1,717 | 1,726 | 2,132 | 1,851 |
| Exports                    | 181   | 252   | 163   | 270   | 152   | 213   | 226   | 195   | 311   | 291   | 189   | 259   | 225   |
| Net imports                | 1,890 | 1,378 | 1,500 | 1,348 | 1,792 | 1,725 | 1,687 | 1,570 | 1,294 | 1,426 | 1,537 | 1,873 | 1,626 |
| 1984                       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports              | 1,839 | 1,538 | 1,560 | 1,473 | 1,344 | 1,300 | 1,181 |       |       |       |       |       |       |
| Product imports            | 350   | 306   | 449   | 290   | 387   | 449   | 414   |       |       |       |       |       |       |
| Total imports              | 2,189 | 1,844 | 2,009 | 1,763 | 1,731 | 1,749 | 1,595 |       |       |       |       |       |       |
| Exports                    | 211   | 162   | 249   | 183   | 211   | 305   | 246   |       |       |       |       |       |       |
| Net imports                | 1,978 | 1,682 | 1,760 | 1,580 | 1,520 | 1,444 | 1,349 |       |       |       |       |       |       |
| Italy                      |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 1973                       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports              | 2,308 | 2,448 | 2,600 | 2,598 | 2,498 | 2,996 | 2,779 | 2,784 | 2,606 | 2,548 | 1,844 | NA    | 2,567 |
| Product imports            | 76    | 133   | 97    | 98    | 154   | 98    | 109   | 137   | 232   | 29    | 65    | NA    | 102   |
| Total imports              | 2,384 | 2,581 | 2,697 | 2,696 | 2,652 | 3,094 | 2,888 | 2,921 | 2,838 | 2,577 | 1,909 | NA    | 2,669 |
| Exports                    | 604   | 628   | 513   | 595   | 678   | 671   | 775   | 725   | 586   | 630   | 515   | NA    | 579   |
| Net imports                | 1,780 | 1,953 | 2,184 | 2,101 | 1,974 | 2,423 | 2,113 | 2,196 | 2,252 | 1,947 | 1,394 | NA    | 2,090 |
| 1982                       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Crude imports              | 1,837 | 1,837 | 1,837 | 1,602 | 1,602 | 1,602 | 1,763 | 1,763 | 1,763 | 1,642 | 1,642 | 1,642 | 1,710 |
| Product imports            | 348   | 348   | 348   | 295   | 295   | 295   | 336   | 336   | 336   | 307   | 307   | 307   | 341   |
| Total imports              | 2,185 | 2,185 | 2,185 | 1,897 | 1,897 | 1,897 | 2,099 | 2,099 | 2,099 | 1,949 | 1,949 | 1,949 | 2,051 |
| Exports                    | 274   | 274   | 274   | 294   | 294   | 294   | 298   | 298   | 298   | 286   | 286   | 286   | 288   |
| Net imports                | 1,911 | 1,911 | 1,911 | 1,603 | 1,603 | 1,603 | 1,801 | 1,801 | 1,801 | 1,663 | 1,663 | 1,663 | 1,763 |

Selected Developed Countries: Trends in Oil Trade <sup>a</sup> (continued)

Thousand b/d

|                   | Jan   | Feb    | Mar    | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov    | Dec    | Avg   |
|-------------------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|
| Italy (continued) |       |        |        |       |       |       |       |       |       |       |        |        |       |
| 1983              |       |        |        |       |       |       |       |       |       |       |        |        |       |
| Crude imports     | 1,490 | 1,490  | 1,490  | 1,485 | 1,485 | 1,485 | 1,592 | 1,592 | 1,592 | 1,559 | 1,559  | 1,559  | 1,532 |
| Product imports   | 377   | 377    | 377    | 326   | 326   | 326   | 198   | 198   | 198   | 338   | 338    | 338    | 310   |
| Total imports     | 1,867 | 1,867  | 1,867  | 1,811 | 1,811 | 1,811 | 1,790 | 1,790 | 1,790 | 1,897 | 1,897  | 1,897  | 1,842 |
| Exports           | 252   | 252    | 252    | 267   | 267   | 267   | 278   | 278   | 278   | 216   | 216    | 216    | 253   |
| Net imports       | 1,615 | 1,615  | 1,615  | 1,544 | 1,544 | 1,544 | 1,512 | 1,512 | 1,512 | 1,681 | 1,681  | 1,681  | 1,589 |
| 1984              |       |        |        |       |       |       |       |       |       |       |        |        |       |
| Crude imports     | 1,667 | 1,667  | 1,667  |       |       |       |       |       |       |       |        |        |       |
| Product imports   | 331   | 331    | 331    |       |       |       |       |       |       |       |        |        |       |
| Total imports     | 1,998 | 1,998  | 1,998  |       |       |       |       |       |       |       |        |        |       |
| Exports           | 209   | 209    | 209    |       |       |       |       |       |       |       |        |        |       |
| Net imports       | 1,789 | 1,789  | 1,789  |       |       |       |       |       |       |       |        |        |       |
| United Kingdom    |       |        |        |       |       |       |       |       |       |       |        |        |       |
| 1973              |       |        |        |       |       |       |       |       |       |       |        |        |       |
| Crude imports     | 2,276 | 2,090  | 2,273  | 2,248 | 2,402 | 2,535 | 2,175 | 2,818 | 1,917 | 2,892 | 2,415  | 2,004  | 2,339 |
| Product imports   | 615   | 533    | 457    | 359   | 488   | 439   | 323   | 417   | 361   | 416   | 326    | 208    | 410   |
| Total imports     | 2,891 | 2,623  | 2,730  | 2,607 | 2,890 | 2,974 | 2,498 | 3,235 | 2,278 | 3,308 | 2,741  | 2,212  | 2,749 |
| Exports           | 464   | 311    | 323    | 329   | 332   | 257   | 430   | 555   | 496   | 464   | 488    | 293    | 398   |
| Net imports       | 2,427 | 2,312  | 2,407  | 2,278 | 2,558 | 2,717 | 2,068 | 2,680 | 1,782 | 2,844 | 2,253  | 1,919  | 2,351 |
| 1982              |       |        |        |       |       |       |       |       |       |       |        |        |       |
| Crude imports     | 787   | 709    | 593    | 339   | 522   | 833   | 513   | 558   | 547   | 506   | 622    | 356    | 565   |
| Product imports   | 291   | 414    | 386    | 280   | 264   | 376   | 377   | 280   | 328   | 263   | 309    | 176    | 326   |
| Total imports     | 1,078 | 1,123  | 979    | 619   | 786   | 1,209 | 890   | 838   | 875   | 769   | 931    | 532    | 891   |
| Exports           | 1,181 | 1,376  | 1,169  | 1,488 | 1,286 | 1,279 | 1,573 | 1,624 | 1,558 | 1,624 | 1,701  | 1,536  | 1,458 |
| Net imports       | -103  | -253   | -190   | -869  | -500  | -70   | -683  | -786  | -683  | -855  | -770   | -1,004 | -567  |
| 1983              |       |        |        |       |       |       |       |       |       |       |        |        |       |
| Crude imports     | 526   | 242    | 371    | 303   | 537   | 467   | 494   | 462   | 587   | 571   | 516    | NA     | 456   |
| Product imports   | 416   | 305    | 518    | 281   | 382   | 353   | 269   | 477   | 297   | 242   | 306    | NA     | 329   |
| Total imports     | 942   | 547    | 889    | 584   | 919   | 820   | 763   | 939   | 884   | 813   | 822    | NA     | 785   |
| Exports           | 1,517 | 1,542  | 1,667  | 1,387 | 1,512 | 1,646 | 1,466 | 1,608 | 1,748 | 1,723 | 1,875  | NA     | 1,661 |
| Net imports       | -575  | -995   | -778   | -803  | -593  | -826  | -703  | -669  | -864  | -910  | -1,053 | NA     | -876  |
| 1984              |       |        |        |       |       |       |       |       |       |       |        |        |       |
| Crude imports     | 399   | 376    | 327    | 465   | 546   | 437   | 429   |       |       |       |        |        |       |
| Product imports   | 324   | 394    | 452    | 331   | 520   |       |       |       |       |       |        |        |       |
| Total imports     | 723   | 770    | 779    | 796   | 1,066 |       |       |       |       |       |        |        |       |
| Exports           | 1,592 | 1,932  | 1,920  | 1,376 | 1,689 |       |       |       |       |       |        |        |       |
| Net imports       | -869  | -1,162 | -1,141 | -580  | -623  |       |       |       |       |       |        |        |       |
| West Germany      |       |        |        |       |       |       |       |       |       |       |        |        |       |
| 1973              |       |        |        |       |       |       |       |       |       |       |        |        |       |
| Crude imports     | 2,177 | 2,217  | 2,226  | 2,201 | 2,173 | 2,306 | 2,091 | 2,140 | 2,297 | 2,359 | 2,274  | 2,067  | 2,210 |
| Product imports   | 776   | 788    | 690    | 831   | 870   | 748   | 798   | 710   | 828   | 904   | 859    | 709    | 791   |
| Total imports     | 2,953 | 3,005  | 2,916  | 3,032 | 3,043 | 3,054 | 2,889 | 2,850 | 3,125 | 3,263 | 3,133  | 2,776  | 3,001 |
| Exports           | 153   | 177    | 164    | 135   | 184   | 174   | 177   | 185   | 155   | 239   | 235    | 141    | 177   |
| Net imports       | 2,800 | 2,828  | 2,752  | 2,897 | 2,859 | 2,880 | 2,712 | 2,665 | 2,970 | 3,024 | 2,898  | 2,635  | 2,824 |
| 1982              |       |        |        |       |       |       |       |       |       |       |        |        |       |
| Crude imports     | 1,528 | 1,432  | 1,279  | 1,459 | 1,544 | 1,648 | 1,254 | 1,440 | 1,529 | 1,438 | 1,410  | 1,454  | 1,451 |
| Product imports   | 692   | 771    | 764    | 755   | 751   | 684   | 696   | 767   | 704   | 686   | 694    | 729    | 773   |
| Total imports     | 2,220 | 2,203  | 2,043  | 2,214 | 2,295 | 2,332 | 1,950 | 2,207 | 2,233 | 2,124 | 2,104  | 2,183  | 2,224 |
| Exports           | 135   | 154    | 151    | 144   | 163   | 180   | 157   | 141   | 166   | 147   | 185    | 181    | 160   |
| Net imports       | 2,085 | 2,049  | 1,892  | 2,070 | 2,132 | 2,152 | 1,793 | 2,066 | 2,067 | 1,977 | 1,919  | 2,002  | 2,064 |
| 1983              |       |        |        |       |       |       |       |       |       |       |        |        |       |
| Crude imports     | 1,351 | 1,279  | 1,264  | 1,279 | 1,385 | 1,274 | 1,313 | 1,248 | 1,421 | 1,153 | 1,383  | 1,329  | 1,307 |
| Product imports   | 834   | 861    | 800    | 869   | 815   | 891   | 740   | 900   | 797   | 808   | 884    | 875    | 879   |
| Total imports     | 2,185 | 2,140  | 2,064  | 2,148 | 2,200 | 2,165 | 2,053 | 2,148 | 2,218 | 1,961 | 2,267  | 2,204  | 2,186 |
| Exports           | 156   | 138    | 188    | 133   | 135   | 120   | 176   | 193   | 170   | 117   | 133    | 152    | 154   |
| Net imports       | 2,029 | 2,002  | 1,876  | 2,015 | 2,065 | 2,045 | 1,877 | 1,955 | 2,048 | 1,844 | 2,134  | 2,052  | 2,032 |
| 1984              |       |        |        |       |       |       |       |       |       |       |        |        |       |
| Crude imports     | 1,483 | 1,515  | 1,261  | 1,510 | 1,282 | 1,343 | 1,383 | 1,083 |       |       |        |        |       |
| Product imports   | 784   | 737    | 839    | 755   | 835   | 871   | 828   |       |       |       |        |        |       |
| Total imports     | 2,267 | 2,252  | 2,100  | 2,265 | 2,117 | 2,214 | 2,211 |       |       |       |        |        |       |
| Exports           | 165   | 139    | 137    | 103   | 139   | 140   | 147   |       |       |       |        |        |       |
| Net imports       | 2,102 | 2,113  | 1,963  | 2,162 | 1,978 | 2,074 | 2,064 |       |       |       |        |        |       |

<sup>a</sup> Monthly data may not add to yearly averages, because monthly revisions may not be available.<sup>b</sup> Bureau of Mines, DOE, data through July 1984.<sup>c</sup> Excluding government-owned stockpiles offshore.

**Developed Countries: Exports to OPEC <sup>a</sup>***Million US \$ (f.o.b.)*

|                       | Algeria | Ecuador | Gabon | Indonesia | Iran  | Iraq  | Kuwait | Libya | Nigeria | Qatar | Saudi Arabia | UAE   | Venezuela | Total <sup>b</sup> |
|-----------------------|---------|---------|-------|-----------|-------|-------|--------|-------|---------|-------|--------------|-------|-----------|--------------------|
| <b>United States</b>  |         |         |       |           |       |       |        |       |         |       |              |       |           |                    |
| 1981                  | 717     | 854     | 128   | 1,302     | 300   | 914   | 976    | 813   | 1,523   | 157   | 7,327        | 1,077 | 5,445     | 21,533             |
| 1982                  | 909     | 828     | 110   | 2,025     | 122   | 846   | 941    | 301   | 1,295   | 153   | 9,026        | 1,101 | 5,206     | 22,862             |
| 1983                  | 594     | 597     | 64    | 1,466     | 190   | 512   | 741    | 191   | 863     | 109   | 7,903        | 864   | 2,811     | 16,905             |
| 1984                  |         |         |       |           |       |       |        |       |         |       |              |       |           |                    |
| 1st Qtr               | 119     | 199     | 11    | 284       | 57    | 147   | 163    | 64    | 147     | 18    | 1,494        | 132   | 839       | 3,673              |
| 2d Qtr                | 103     | 145     | 9     | 395       | 45    | 188   | 159    | 47    | 146     | 21    | 1,291        | 175   | 796       | 3,519              |
| Jul                   | 16      | 52      | 2     | 88        | 9     | 46    | 63     | 21    | 45      | 8     | 555          | 57    | 306       | 1,266              |
| <b>Japan</b>          |         |         |       |           |       |       |        |       |         |       |              |       |           |                    |
| 1981                  | 472     | 293     | 51    | 4,115     | 1,480 | 3,022 | 1,644  | 1,059 | 2,152   | 267   | 5,857        | 1,489 | 922       | 22,824             |
| 1982                  | 677     | 218     | 45    | 4,251     | 939   | 2,745 | 1,786  | 285   | 1,209   | 346   | 6,608        | 1,489 | 1,175     | 21,774             |
| 1983                  | 621     | 92      | 43    | 3,552     | 2,820 | 632   | 1,763  | 363   | 569     | 233   | 6,683        | 1,357 | 349       | 19,077             |
| 1984                  |         |         |       |           |       |       |        |       |         |       |              |       |           |                    |
| 1st Qtr               | 162     | 23      | 9     | 790       | 687   | 149   | 368    | 68    | 54      | 38    | 1,675        | 263   | 66        | 4,351              |
| 2d Qtr                | 156     | 30      | 9     | 763       | 448   | 224   | 401    | 49    | 74      | 46    | 1,481        | 314   | 118       | 4,115              |
| Jun                   | 39      | 10      | 3     | 249       | 147   | 91    | 118    | 16    | 26      | 17    | 463          | 104   | 30        | 1,311              |
| <b>West Germany</b>   |         |         |       |           |       |       |        |       |         |       |              |       |           |                    |
| 1981                  | 1,254   | 164     | 37    | 1,139     | 1,605 | 2,890 | 622    | 1,486 | 2,166   | 130   | 2,739        | 616   | 552       | 15,398             |
| 1982                  | 1,350   | 143     | 33    | 1,158     | 1,397 | 3,138 | 813    | 1,173 | 1,527   | 150   | 3,522        | 723   | 566       | 15,693             |
| 1983                  | 977     | 94      | 27    | 710       | 3,009 | 1,471 | 693    | 841   | 710     | 116   | 2,989        | 515   | 251       | 12,403             |
| 1984                  |         |         |       |           |       |       |        |       |         |       |              |       |           |                    |
| 1st Qtr               | 259     | 28      | 9     | 182       | 799   | 212   | 161    | 194   | 113     | 18    | 704          | 121   | 70        | 2,869              |
| Apr                   | 76      | 9       | 2     | 67        | 181   | 65    | 68     | 87    | 25      | 7     | 218          | 38    | 29        | 871                |
| <b>France</b>         |         |         |       |           |       |       |        |       |         |       |              |       |           |                    |
| 1981                  | 2,371   | 37      | 399   | 293       | 669   | 1,455 | 216    | 907   | 1,696   | 94    | 1,848        | 514   | 399       | 10,895             |
| 1982                  | 2,124   | 30      | 361   | 756       | 334   | 1,443 | 314    | 428   | 1,269   | 190   | 1,971        | 542   | 459       | 10,221             |
| 1983                  | 2,439   | 24      | 347   | 467       | 371   | 813   | 442    | 334   | 908     | 107   | 1,813        | 394   | 255       | 8,714              |
| 1984                  |         |         |       |           |       |       |        |       |         |       |              |       |           |                    |
| 1st Qtr               | 612     | 5       | 86    | 94        | 65    | 144   | 70     | 80    | 110     | 34    | 622          | 71    | 83        | 2,077              |
| 2d Qtr                | 686     | 5       | 114   | 80        | 49    | 182   | 303    | 43    | 145     | 17    | 674          | 74    | 61        | 2,433              |
| Jun                   | 236     | 2       | 38    | 17        | 14    | 49    | 94     | 11    | 81      | 6     | 126          | 24    | 18        | 716                |
| <b>United Kingdom</b> |         |         |       |           |       |       |        |       |         |       |              |       |           |                    |
| 1981                  | 351     | 70      | 13    | 283       | 808   | 1,257 | 570    | 1,067 | 2,876   | 274   | 2,279        | 981   | 254       | 11,079             |
| 1982                  | 348     | 106     | 25    | 368       | 577   | 1,525 | 582    | 460   | 2,157   | 430   | 2,373        | 978   | 260       | 10,189             |
| 1983                  | 354     | 53      | 28    | 295       | 952   | 608   | 505    | 417   | 1,211   | 329   | 2,242        | 861   | 132       | 7,986              |
| 1984                  |         |         |       |           |       |       |        |       |         |       |              |       |           |                    |
| 1st Qtr               | 136     | 15      | 7     | 91        | 216   | 110   | 112    | 84    | 264     | 55    | 520          | 204   | 30        | 1,843              |
| 2d Qtr                | 104     | 10      | 8     | 57        | 282   | 95    | 100    | 84    | 178     | 40    | 497          | 177   | 29        | 1,660              |
| Jun                   | 49      | 3       | 3     | 18        | 99    | 33    | 32     | 24    | 73      | 11    | 159          | 55    | 9         | 567                |
| <b>Italy</b>          |         |         |       |           |       |       |        |       |         |       |              |       |           |                    |
| 1981                  | 1,426   | 88      | 17    | 145       | 754   | 1,341 | 504    | 4,297 | 872     | 57    | 2,267        | 455   | 582       | 12,804             |
| 1982                  | 665     | 96      | 18    | 141       | 723   | 1,661 | 627    | 2,141 | 685     | 78    | 2,458        | 523   | 854       | 10,670             |
| 1983                  | 842     | 132     | 20    | 121       | 903   | 798   | 592    | 2,104 | 469     | 60    | 3,008        | 507   | 327       | 9,883              |
| 1984                  |         |         |       |           |       |       |        |       |         |       |              |       |           |                    |
| 1st Qtr               | 198     | 8       | 6     | 28        | 284   | 190   | 136    | 503   | 99      | 11    | 739          | 174   | 117       | 2,492              |
| Mar                   | 67      | 4       | 2     | 13        | 67    | 54    | 39     | 168   | 25      | 6     | 221          | 61    | 24        | 750                |
| <b>Canada</b>         |         |         |       |           |       |       |        |       |         |       |              |       |           |                    |
| 1981                  | 304     | 78      | 3     | 77        | 18    | 180   | 69     | 93    | 83      | 11    | 382          | 44    | 700       | 2,044              |
| 1982                  | 405     | 52      | 2     | 159       | 147   | 157   | 79     | 96    | 51      | 15    | 355          | 45    | 552       | 2,113              |
| 1983                  | 354     | 38      | 1     | 173       | 165   | 95    | 53     | 62    | 40      | 8     | 300          | 29    | 246       | 1,564              |
| 1984                  |         |         |       |           |       |       |        |       |         |       |              |       |           |                    |
| 1st Qtr               | 98      | 11      | 1     | 34        | 38    | 30    | 18     | 11    | 4       | 2     | 73           | 4     | 52        | 375                |
| 2d Qtr                | 92      | 11      | 1     | 52        | 40    | 46    | 13     | 18    | 13      | 2     | 63           | 4     | 46        | 401                |
| Jun                   | 41      | 2       | 0     | 17        | 33    | 19    | 7      | 6     | 10      | 1     | 22           | 1     | 15        | 173                |

<sup>a</sup> Source: International Monetary Fund, Direction of Trade.<sup>b</sup> Because of rounding, components may not add to totals shown.

Developed Countries: Imports to OPEC <sup>a</sup>

Million US \$ (c.i.f.)

|                | Algeria | Ecua-<br>dor | Gabon | Indo-<br>nesia | Iran  | Iraq  | Kuwait | Libya | Nigeria | Qatar | Saudi<br>Arabia | UAE   | Vene-<br>zuela | Total <sup>b</sup> |
|----------------|---------|--------------|-------|----------------|-------|-------|--------|-------|---------|-------|-----------------|-------|----------------|--------------------|
| United States  |         |              |       |                |       |       |        |       |         |       |                 |       |                |                    |
| 1981           | 5,208   | 1,103        | 455   | 6,413          | 66    | 167   | 91     | 5,476 | 9,554   | 120   | 15,237          | 2,102 | 5,800          | 51,793             |
| 1982           | 2,792   | 1,227        | 635   | 4,509          | 612   | 42    | 43     | 533   | 7,274   | 110   | 7,860           | 2,139 | 4,957          | 32,731             |
| 1983           | 3,815   | 1,520        | 685   | 5,657          | 1,167 | 61    | 139    | 1     | 3,883   | 11    | 3,840           | 542   | 5,173          | 26,493             |
| 1984           |         |              |       |                |       |       |        |       |         |       |                 |       |                |                    |
| 1st Qtr        | 819     | 498          | 124   | 1,177          | 153   | 3     | 52     | 8     | 815     | 0     | 1,125           | 191   | 1,595          | 6,559              |
| 2d Qtr         | 1,017   | 425          | 199   | 1,558          | 73    | 1     | 111    | 2     | 832     | 0     | 1,114           | 432   | 1,839          | 7,603              |
| Jun            | 338     | 126          | 79    | 488            | 42    | 0     | 38     | 0     | 226     | 0     | 355             | 141   | 645            | 2,477              |
| Jul            | 364     | 175          | 107   | 633            | 130   | 47    | 48     | 0     | 145     | 0     | 481             | 61    | 596            | 2,787              |
| Japan          |         |              |       |                |       |       |        |       |         |       |                 |       |                |                    |
| 1981           | 697     | 407          | 8     | 13,263         | 1,905 | 927   | 3,598  | 349   | 339     | 2,228 | 21,424          | 8,811 | 910            | 54,866             |
| 1982           | 522     | 24           | 11    | 11,955         | 2,564 | 774   | 1,416  | 46    | 8       | 1,781 | 20,671          | 7,978 | 721            | 48,470             |
| 1983           | 345     | 26           | 10    | 10,441         | 4,237 | 141   | 1,390  | 5     | 7       | 1,702 | 15,533          | 7,799 | 568            | 42,202             |
| 1984           |         |              |       |                |       |       |        |       |         |       |                 |       |                |                    |
| 1st Qtr        | 4       | 5            | 8     | 3,016          | 1,104 | 56    | 400    | 0     | 2       | 678   | 4,047           | 2,026 | 147            | 11,493             |
| Apr            | 30      | 1            | 0     | 927            | 433   | 0     | 163    | 0     | 0       | 215   | 1,192           | 558   | 43             | 3,562              |
| May            | 0       | 3            | 5     | 960            | 387   | 56    | 160    | 0     | 1       | 255   | 1,154           | 668   | 46             | 3,694              |
| West Germany   |         |              |       |                |       |       |        |       |         |       |                 |       |                |                    |
| 1981           | 2,359   | 62           | 132   | 309            | 674   | 80    | 277    | 3,304 | 1,563   | 93    | 6,405           | 1,025 | 362            | 16,645             |
| 1982           | 1,574   | 54           | 87    | 239            | 703   | 229   | 213    | 2,957 | 1,816   | 117   | 4,382           | 651   | 492            | 13,514             |
| 1983           | 1,243   | 49           | 46    | 260            | 617   | 393   | 364    | 2,476 | 1,822   | 170   | 1,571           | 450   | 1,226          | 10,687             |
| 1984           |         |              |       |                |       |       |        |       |         |       |                 |       |                |                    |
| 1st Qtr        | 334     | 12           | 36    | 83             | 98    | 134   | 72     | 663   | 588     | 18    | 178             | 90    | 317            | 2,623              |
| Apr            | 104     | 5            | 34    | 26             | 83    | 21    | 41     | 226   | 237     | 4     | 144             | 40    | 66             | 1,030              |
| France         |         |              |       |                |       |       |        |       |         |       |                 |       |                |                    |
| 1981           | 2,349   | 11           | 422   | 184            | 478   | 728   | 437    | 506   | 1,588   | 808   | 12,139          | 2,122 | 560            | 22,332             |
| 1982           | 3,896   | 15           | 486   | 153            | 884   | 419   | 112    | 615   | 1,856   | 588   | 7,410           | 1,628 | 337            | 18,397             |
| 1983           | 3,121   | 13           | 351   | 135            | 969   | 477   | 206    | 848   | 1,957   | 217   | 3,534           | 1,266 | 273            | 13,366             |
| 1984           |         |              |       |                |       |       |        |       |         |       |                 |       |                |                    |
| 1st Qtr        | 653     | 2            | 111   | 30             | 189   | 165   | 18     | 304   | 801     | 110   | 673             | 248   | 42             | 3,347              |
| 2d Qtr         | 765     | 2            | 89    | 26             | 212   | 171   | 39     | 251   | 545     | 116   | 617             | 309   | 66             | 3,207              |
| Jun            | 281     | 1            | 29    | 9              | 95    | 34    | 7      | 68    | 196     | 45    | 268             | 216   | 9              | 1,256              |
| United Kingdom |         |              |       |                |       |       |        |       |         |       |                 |       |                |                    |
| 1981           | 320     | 10           | 71    | 144            | 313   | 161   | 971    | 149   | 190     | 23    | 3,837           | 803   | 249            | 7,237              |
| 1982           | 310     | 17           | 47    | 161            | 392   | 137   | 185    | 595   | 615     | 61    | 2,480           | 470   | 246            | 5,715              |
| 1983           | 240     | 17           | 98    | 258            | 152   | 48    | 103    | 340   | 591     | 15    | 1,366           | 469   | 278            | 3,974              |
| 1984           |         |              |       |                |       |       |        |       |         |       |                 |       |                |                    |
| 1st Qtr        | 45      | 4            | 2     | 81             | 156   | 11    | 45     | 25    | 69      | 6     | 112             | 23    | 43             | 620                |
| 2d Qtr         | 129     | 4            | 41    | 60             | 127   | 20    | 44     | 63    | 107     | 3     | 229             | 63    | 60             | 949                |
| Jun            | 51      | 2            | 32    | 9              | 56    | 1     | 16     | 12    | 12      | 1     | 81              | 16    | 14             | 302                |
| Italy          |         |              |       |                |       |       |        |       |         |       |                 |       |                |                    |
| 1981           | 1,179   | 44           | 78    | 274            | 700   | 2,111 | 375    | 3,337 | 810     | 494   | 8,047           | 649   | 1,394          | 19,491             |
| 1982           | 1,516   | 41           | 28    | 237            | 2,775 | 1,564 | 597    | 2,758 | 824     | 362   | 5,182           | 521   | 953            | 17,357             |
| 1983           | 1,340   | 21           | 82    | 181            | 2,627 | 1,219 | 1,053  | 2,688 | 1,265   | 183   | 2,980           | 454   | 762            | 14,856             |
| 1984           |         |              |       |                |       |       |        |       |         |       |                 |       |                |                    |
| 1st Qtr        | 558     | 3            | 17    | 55             | 489   | 145   | 297    | 734   | 413     | 81    | 745             | 54    | 202            | 3,792              |
| Mar            | 184     | 0            | 3     | 23             | 214   | 61    | 96     | 375   | 200     | 10    | 294             | 16    | 58             | 1,533              |
| Canada         |         |              |       |                |       |       |        |       |         |       |                 |       |                |                    |
| 1981           | 367     | 43           | 12    | 34             | 2     | 1     | 151    | 137   | 102     | 0     | 2,089           | 59    | 2,184          | 5,180              |
| 1982           | 230     | 45           | 7     | 27             | 103   | 2     | 1      | 20    | 57      | 0     | 614             | 31    | 1,618          | 2,755              |
| 1983           | 134     | 55           | 3     | 36             | 469   | 1     | 16     | 0     | 172     | 0     | 84              | 2     | 904            | 1,877              |
| 1984           |         |              |       |                |       |       |        |       |         |       |                 |       |                |                    |
| 1st Qtr        | 36      | 12           | 0     | 17             | 112   | 0     | 0      | 0     | 124     | 0     | 0               | 4     | 277            | 583                |
| 2d Qtr         | 81      | 34           | 1     | 17             | 39    | 0     | 0      | 31    | 64      | 0     | 1               | 0     | 192            | 460                |
| Jun            | 38      | 5            | 0     | 5              | 0     | 0     | 0      | 0     | 0       | 0     | 1               | 0     | 87             | 135                |

<sup>a</sup> Source: International Monetary Fund, Direction of Trade.<sup>b</sup> Because of rounding, components may not add to totals shown.

Selected OECD Countries: Trends in Inland Oil Consumption <sup>a</sup>

Thousand b/d

|                            |     | 1973   | 1974   | 1975   | 1976   | 1977   | 1978   | 1979   | 1980   | 1981   | 1982   | 1983   | 1984   |
|----------------------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| United States <sup>b</sup> | Avg | 17,308 | 16,653 | 16,322 | 17,461 | 18,431 | 18,847 | 18,513 | 17,006 | 16,058 | 15,296 | 15,184 |        |
|                            | Jan | 18,713 | 17,286 | 18,004 | 18,647 | 20,504 | 19,752 | 20,586 | 18,656 | 18,430 | 16,124 | 14,765 | 16,726 |
|                            | Feb | 19,094 | 17,366 | 17,084 | 17,509 | 20,482 | 20,900 | 21,288 | 18,815 | 16,989 | 16,001 | 14,772 | 15,389 |
|                            | Mar | 17,216 | 16,104 | 16,315 | 17,302 | 18,124 | 19,652 | 19,322 | 17,385 | 15,907 | 15,560 | 15,484 | 16,017 |
|                            | Apr | 15,921 | 15,929 | 16,048 | 16,612 | 17,580 | 17,747 | 17,434 | 16,724 | 15,350 | 16,046 | 14,779 | 15,484 |
|                            | May | 16,626 | 15,726 | 15,155 | 15,977 | 16,972 | 18,230 | 17,801 | 16,143 | 15,353 | 14,847 | 14,250 | 15,566 |
|                            | Jun | 16,481 | 16,117 | 15,610 | 16,825 | 18,043 | 18,260 | 17,786 | 16,214 | 15,609 | 14,998 | 15,281 | 15,547 |
|                            | Jul | 16,372 | 16,349 | 15,740 | 16,607 | 17,568 | 17,633 | 17,144 | 15,962 | 15,682 | 14,821 | 14,913 | 15,661 |
|                            | Aug | 17,499 | 16,550 | 15,806 | 16,642 | 18,012 | 18,639 | 18,149 | 15,727 | 15,263 | 14,839 | 15,366 | 15,852 |
|                            | Sep | 16,656 | 16,024 | 15,768 | 16,837 | 17,714 | 17,954 | 17,400 | 16,548 | 15,655 | 15,022 | 15,396 |        |
|                            | Oct | 17,202 | 17,050 | 16,377 | 17,090 | 17,824 | 18,417 | 18,176 | 16,911 | 15,822 | 14,859 | 14,947 |        |
|                            | Nov | 18,492 | 17,351 | 15,777 | 18,847 | 18,437 | 19,156 | 18,313 | 16,694 | 15,593 | 15,009 | 15,533 |        |
|                            | Dec | 17,538 | 18,013 | 18,185 | 20,560 | 20,052 | 19,944 | 18,922 | 18,354 | 16,596 | 15,487 | 16,691 |        |
| Canada                     | Avg | 1,597  | 1,630  | 1,595  | 1,647  | 1,661  | 1,701  | 1,765  | 1,730  | 1,617  | 1,454  | 1,354  |        |
|                            | Jan | 1,667  | 1,823  | 1,691  | 1,785  | 1,776  | 1,777  | 1,873  | 1,822  | 1,764  | 1,551  | 1,299  | 1,370  |
|                            | Feb | 1,747  | 1,863  | 1,872  | 1,725  | 1,901  | 1,956  | 1,996  | 1,926  | 1,764  | 1,719  | 1,454  | 1,380  |
|                            | Mar | 1,584  | 1,659  | 1,558  | 1,734  | 1,651  | 1,681  | 1,674  | 1,715  | 1,547  | 1,508  | 1,282  | 1,348  |
|                            | Apr | 1,431  | 1,560  | 1,592  | 1,508  | 1,523  | 1,561  | 1,614  | 1,597  | 1,609  | 1,359  | 1,186  | 1,224  |
|                            | May | 1,486  | 1,577  | 1,471  | 1,512  | 1,524  | 1,522  | 1,656  | 1,588  | 1,486  | 1,340  | 1,312  | 1,359  |
|                            | Jun | 1,474  | 1,455  | 1,550  | 1,550  | 1,593  | 1,622  | 1,742  | 1,659  | 1,635  | 1,434  | 1,350  | 1,331  |
|                            | Jul | 1,490  | 1,534  | 1,493  | 1,514  | 1,497  | 1,549  | 1,689  | 1,675  | 1,608  | 1,401  | 1,270  | 1,302  |
|                            | Aug | 1,557  | 1,463  | 1,449  | 1,575  | 1,690  | 1,680  | 1,770  | 1,648  | 1,629  | 1,504  | 1,437  |        |
|                            | Sep | 1,427  | 1,415  | 1,469  | 1,512  | 1,527  | 1,595  | 1,614  | 1,707  | 1,593  | 1,397  | 1,396  |        |
|                            | Oct | 1,680  | 1,680  | 1,555  | 1,554  | 1,626  | 1,708  | 1,850  | 1,771  | 1,559  | 1,337  | 1,366  |        |
|                            | Nov | 1,801  | 1,714  | 1,577  | 1,820  | 1,718  | 1,865  | 1,850  | 1,719  | 1,593  | 1,457  | 1,427  |        |
|                            | Dec | 1,828  | 1,831  | 1,880  | 2,000  | 1,925  | 1,915  | 1,872  | 1,942  | 1,634  | 1,462  | 1,472  |        |
| Japan                      | Avg | 5,000  | 4,872  | 4,568  | 4,786  | 5,015  | 5,115  | 5,171  | 4,674  | 4,444  | 4,204  | 4,193  |        |
|                            | Jan | 5,036  | 5,103  | 4,729  | 4,941  | 5,433  | 5,301  | 5,579  | 5,255  | 4,987  | 4,644  | 4,422  | 4,787  |
|                            | Feb | 5,352  | 5,664  | 5,191  | 5,246  | 6,025  | 5,981  | 6,009  | 5,722  | 5,349  | 5,272  | 4,882  | 5,484  |
|                            | Mar | 5,306  | 5,407  | 4,918  | 5,165  | 5,539  | 5,595  | 5,708  | 5,433  | 5,012  | 4,642  | 4,618  | 5,116  |
|                            | Apr | 4,737  | 4,706  | 4,202  | 4,526  | 4,714  | 4,849  | 5,009  | 4,626  | 4,156  | 4,012  | 3,852  | 4,127  |
|                            | May | 4,597  | 4,568  | 4,041  | 4,218  | 4,314  | 4,437  | 4,757  | 4,376  | 3,590  | 3,558  | 3,461  | 3,696  |
|                            | Jun | 4,776  | 4,520  | 4,135  | 4,429  | 4,484  | 4,502  | 4,709  | 4,224  | 3,901  | 3,782  | 3,888  | 3,798  |
|                            | Jul | 4,586  | 4,385  | 4,265  | 4,416  | 4,716  | 4,704  | 4,689  | 4,250  | 4,159  | 3,995  | 3,752  |        |
|                            | Aug | 4,684  | 4,576  | 4,234  | 4,461  | 4,709  | 4,857  | 4,894  | 3,909  | 4,099  | 3,772  | 3,906  |        |
|                            | Sep | 4,778  | 4,720  | 4,543  | 4,517  | 4,742  | 4,827  | 4,809  | 4,121  | 4,062  | 3,864  | 4,051  |        |
|                            | Oct | 5,093  | 4,614  | 4,409  | 4,523  | 4,664  | 4,847  | 4,771  | 4,251  | 4,083  | 3,781  | 3,908  |        |
|                            | Nov | 5,559  | 4,925  | 4,747  | 5,160  | 5,093  | 5,423  | 5,359  | 4,622  | 4,609  | 4,354  | 4,448  |        |
|                            | Dec | 5,526  | 5,330  | 5,447  | 5,846  | 5,800  | 6,125  | 5,812  | 5,347  | 5,375  | 4,844  | 5,182  |        |
| Austria                    | Avg | 227    | 203    | 199    | 215    | 206    | 223    | 230    | 224    | 202    | 191    | 182    |        |
|                            | Jan | 220    | 236    | 183    | 207    | 200    | 216    | 248    | 241    | 218    | 195    | 153    | 145    |
|                            | Feb | 225    | 220    | 190    | 208    | 208    | 235    | 247    | 227    | 244    | 208    | 176    | 165    |
|                            | Mar | 224    | 160    | 172    | 209    | 182    | 218    | 232    | 216    | 191    | 199    | 168    | 168    |
|                            | Apr | 204    | 169    | 184    | 156    | 197    | 181    | 203    | 237    | 204    | 183    | 165    | 173    |
|                            | May | 210    | 172    | 156    | 169    | 166    | 174    | 217    | 209    | 174    | 169    | 180    | 164    |
|                            | Jun | 200    | 169    | 186    | 189    | 208    | 217    | 196    | 214    | 213    | 202    | 185    | 197    |
|                            | Jul | 221    | 214    | 210    | 219    | 192    | 206    | 224    | 226    | 187    | 170    | 165    |        |
|                            | Aug | 222    | 218    | 223    | 229    | 213    | 228    | 233    | 184    | 190    | 195    | 198    |        |
|                            | Sep | 227    | 222    | 232    | 246    | 221    | 234    | 234    | 216    | 198    | 196    | 200    |        |
|                            | Oct | 253    | 243    | 226    | 233    | 202    | 242    | 246    | 245    | 192    | 194    | 188    |        |
|                            | Nov | 276    | 215    | 201    | 252    | 236    | 277    | 263    | 256    | 208    | 206    | 202    |        |
|                            | Dec | 234    | 203    | 229    | 261    | 245    | 252    | 219    | 221    | 209    | 175    | 201    |        |
| Belgium/<br>Luxembourg     | Avg | 505    | 440    | 424    | 449    | 442    | 461    | 474    | 434    | 369    | 373    | 343    |        |
|                            | Jan | 543    | 512    | 550    | 498    | 552    | 515    | 697    | 592    | 445    | 478    | 363    | 397    |
|                            | Feb | 589    | 528    | 458    | 547    | 507    | 592    | 595    | 476    | 452    | 459    | 413    | 412    |
|                            | Mar | 570    | 392    | 410    | 469    | 517    | 520    | 519    | 493    | 394    | 491    | 390    | 419    |
|                            | Apr | 565    | 383    | 465    | 460    | 483    | 477    | 481    | 477    | 364    | 380    | 351    | 347    |
|                            | May | 483    | 419    | 364    | 357    | 397    | 375    | 411    | 380    | 347    | 319    | 314    | 352    |
|                            | Jun | 463    | 376    | 367    | 383    | 414    | 376    | 366    | 326    | 369    | 320    | 294    |        |
|                            | Jul | 359    | 339    | 312    | 308    | 253    | 273    | 334    | 301    | 289    | 256    | 224    |        |
|                            | Aug | 389    | 352    | 356    | 361    | 335    | 376    | 358    | 365    | 301    | 322    | 274    |        |
|                            | Sep | 465    | 478    | 383    | 425    | 428    | 411    | 464    | 500    | 356    | 361    | 333    |        |
|                            | Oct | 556    | 534    | 443    | 424    | 414    | 456    | 455    | 426    | 415    | 329    | 358    |        |
|                            | Nov | 558    | 427    | 449    | 532    | 504    | 574    | 503    | 438    | 379    | 354    | 401    |        |
|                            | Dec | 503    | 542    | 522    | 628    | 505    | 595    | 514    | 441    | 321    | 411    | 402    |        |



Selected OECD Countries: Trends in Inland Oil Consumption <sup>a</sup> (continued)

Thousand b/d

|                    |     | 1973  | 1974  | 1975  | 1976  | 1977  | 1978  | 1979  | 1980  | 1981  | 1982  | 1983  | 1984  |
|--------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Denmark            | Avg |       |       | 301   | 307   | 309   | 305   | 302   | 252   | 217   | 205   | 194   |       |
|                    | Jan | NA    | NA    | 332   | 358   | 370   | 338   | 441   | 337   | 274   | 283   | 193   | 217   |
|                    | Feb | NA    | NA    | 380   | 398   | 405   | 407   | 455   | 343   | 282   | 257   | 231   | 240   |
|                    | Mar | NA    | NA    | 317   | 367   | 362   | 358   | 373   | 311   | 248   | 240   | 222   | 233   |
|                    | Apr | NA    | NA    | 354   | 307   | 340   | 310   | 310   | 274   | 214   | 201   | 191   | 234   |
|                    | May | NA    | NA    | 258   | 242   | 241   | 272   | 299   | 204   | 169   | 170   | 182   | 169   |
|                    | Jun | NA    | NA    | 257   | 250   | 236   | 236   | 246   | 194   | 177   | 182   | 170   | 156   |
|                    | Jul | NA    | NA    | 218   | 184   | 192   | 192   | 171   | 168   | 148   | 167   | 139   |       |
|                    | Aug | NA    | NA    | 264   | 261   | 293   | 254   | 223   | 186   | 163   | 159   | 174   |       |
|                    | Sep | NA    | NA    | 262   | 274   | 326   | 302   | 208   | 271   | 176   | 200   | 190   |       |
|                    | Oct | NA    | NA    | 302   | 280   | 246   | 297   | 275   | 216   | 211   | 170   | 171   |       |
|                    | Nov | NA    | NA    | 324   | 356   | 323   | 329   | 322   | 260   | 253   | 220   | 221   |       |
|                    | Dec | NA    | NA    | 353   | 414   | 376   | 380   | 310   | 270   | 297   | 238   | 249   |       |
| France             | Avg | 2,219 | 2,094 | 1,925 | 2,075 | 1,973 | 2,077 | 2,107 | 1,965 | 1,744 | 1,632 | 1,594 |       |
|                    | Jan | 2,743 | 2,523 | 2,190 | 2,436 | 2,519 | 2,645 | 2,786 | 2,462 | 2,300 | 1,801 | 1,682 | 1,857 |
|                    | Feb | 2,687 | 2,389 | 2,243 | 2,486 | 2,386 | 2,598 | 2,731 | 2,439 | 2,165 | 1,866 | 1,980 | 1,913 |
|                    | Mar | 2,528 | 2,249 | 1,952 | 2,381 | 2,109 | 2,236 | 2,315 | 1,981 | 1,787 | 1,845 | 1,685 | 1,682 |
|                    | Apr | 2,296 | 1,970 | 2,202 | 2,100 | 2,043 | 2,044 | 2,150 | 2,107 | 1,498 | 1,769 | 1,777 | 1,475 |
|                    | May | 1,890 | 1,915 | 1,640 | 1,796 | 1,846 | 2,131 | 2,049 | 1,853 | 1,667 | 1,497 | 1,491 | 1,411 |
|                    | Jun | 1,685 | 2,103 | 1,642 | 1,593 | 1,715 | 1,687 | 1,670 | 1,853 | 1,606 | 1,501 | 1,394 | 1,421 |
|                    | Jul | 1,566 | 1,703 | 1,491 | 1,629 | 1,349 | 1,364 | 1,611 | 1,450 | 1,451 | 1,465 | 1,210 | 1,223 |
|                    | Aug | 1,495 | 1,506 | 1,300 | 1,668 | 1,390 | 1,325 | 1,563 | 1,223 | 1,159 | 1,270 | 1,338 | 1,303 |
|                    | Sep | 1,932 | 1,996 | 1,785 | 1,974 | 1,783 | 1,665 | 1,728 | 1,741 | 1,430 | 1,502 | 1,407 |       |
|                    | Oct | 2,482 | 2,045 | 1,917 | 1,904 | 1,882 | 1,997 | 2,014 | 2,050 | 1,653 | 1,612 | 1,492 |       |
|                    | Nov | 2,593 | 2,260 | 2,077 | 2,236 | 2,181 | 2,472 | 2,491 | 2,039 | 2,016 | 1,654 | 1,782 |       |
|                    | Dec | 2,768 | 2,492 | 2,658 | 2,712 | 2,512 | 2,800 | 2,287 | 2,409 | 2,218 | 1,821 | 1,925 |       |
| Italy <sup>c</sup> | Avg | 1,515 | 1,521 | 1,468 | 1,503 | 1,476 | 1,551 | 1,620 | 1,602 | 1,705 | 1,618 | 1,594 |       |
|                    | Jan | 1,781 | 1,755 | 1,792 | 1,775 | 1,696 | 1,763 | 1,950 | 1,778 | 1,880 | 1,772 | 1,689 | 1,804 |
|                    | Feb | 1,866 | 1,760 | 1,767 | 1,743 | 1,823 | 1,906 | 1,912 | 1,864 | 2,194 | 1,803 | 1,879 | 1,742 |
|                    | Mar | 1,710 | 1,579 | 1,558 | 1,641 | 1,573 | 1,589 | 1,623 | 1,660 | 1,896 | 1,789 | 1,633 | 1,660 |
|                    | Apr | 1,420 | 1,421 | 1,530 | 1,423 | 1,326 | 1,339 | 1,460 | 1,541 | 1,785 | 1,634 | 1,357 | 1,550 |
|                    | May | 1,285 | 1,349 | 1,174 | 1,253 | 1,268 | 1,300 | 1,427 | 1,448 | 1,409 | 1,355 | 1,437 | 1,433 |
|                    | Jun | 1,255 | 1,314 | 1,289 | 1,236 | 1,340 | 1,354 | 1,325 | 1,511 | 1,512 | 1,507 | 1,466 | 1,292 |
|                    | Jul | 1,303 | 1,368 | 1,234 | 1,355 | 1,251 | 1,338 | 1,337 | 1,537 | 1,581 | 1,456 | 1,368 | 1,346 |
|                    | Aug | 1,255 | 1,287 | 1,105 | 1,372 | 1,140 | 1,197 | 1,323 | 1,313 | 1,359 | 1,368 | 1,332 |       |
|                    | Sep | 1,462 | 1,527 | 1,465 | 1,604 | 1,502 | 1,566 | 1,641 | 1,646 | 1,715 | 1,646 | 1,604 |       |
|                    | Oct | 1,610 | 1,569 | 1,679 | 1,464 | 1,405 | 1,573 | 1,807 | 1,673 | 1,599 | 1,569 | 1,621 |       |
|                    | Nov | 1,551 | 1,580 | 1,448 | 1,393 | 1,605 | 1,828 | 1,888 | 1,532 | 1,650 | 1,655 | 1,853 |       |
|                    | Dec | 1,698 | 1,753 | 1,600 | 1,779 | 1,817 | 1,889 | 1,768 | 1,737 | 1,931 | 1,672 | 1,915 |       |
| Netherlands        | Avg | 507   | 444   | 412   | 487   | 457   | 446   | 513   | 478   | 436   | 339   | 317   |       |
|                    | Jan | 584   | 468   | 399   | 480   | 494   | 410   | 542   | 506   | 471   | 360   | 285   | 322   |
|                    | Feb | 586   | 522   | 430   | 542   | 502   | 495   | 565   | 600   | 497   | 413   | 324   | 347   |
|                    | Mar | 542   | 438   | 379   | 543   | 494   | 471   | 539   | 535   | 416   | 417   | 331   | 330   |
|                    | Apr | 541   | 530   | 474   | 443   | 424   | 431   | 487   | 467   | 410   | 411   | 332   | 322   |
|                    | May | 475   | 432   | 390   | 453   | 393   | 367   | 500   | 422   | 398   | 317   | 310   | 347   |
|                    | Jun | 436   | 427   | 403   | 462   | 456   | 395   | 487   | 457   | 411   | 358   | 320   |       |
|                    | Jul | 408   | 415   | 354   | 426   | 388   | 396   | 464   | 406   | 429   | 492   | 273   |       |
|                    | Aug | 437   | 414   | 364   | 446   | 414   | 425   | 463   | 400   | 372   | 302   | 306   |       |
|                    | Sep | 485   | 440   | 412   | 493   | 447   | 463   | 504   | 462   | 428   | 320   | 317   |       |
|                    | Oct | 594   | 472   | 440   | 469   | 459   | 471   | 507   | 502   | 451   | 271   | 341   |       |
|                    | Nov | 503   | 440   | 419   | 517   | 511   | 500   | 574   | 501   | 450   | 322   | 352   |       |
|                    | Dec | 505   | 433   | 484   | 576   | 504   | 535   | 533   | 503   | 506   | 289   | 320   |       |
| Norway             | Avg | NA    | 143   | 150   | 163   | 170   | 168   | 170   | 156   | 143   | 136   | 133   |       |
|                    | Jan | NA    | 155   | 142   | 161   | 177   | 171   | 204   | 170   | 151   | 147   | 112   | 135   |
|                    | Feb | NA    | 154   | 171   | 180   | 202   | 193   | 210   | 189   | 158   | 148   | 148   | 138   |
|                    | Mar | NA    | 124   | 137   | 181   | 189   | 171   | 179   | 164   | 171   | 145   | 134   | 141   |
|                    | Apr | NA    | 126   | 149   | 145   | 162   | 155   | 149   | 156   | 125   | 130   | 124   | 122   |
|                    | May | NA    | 118   | 145   | 147   | 150   | 160   | 162   | 135   | 110   | 112   | 121   | 128   |
|                    | Jun | NA    | 141   | 130   | 153   | 159   | 160   | 161   | 149   | 135   | 146   | 139   | 145   |
|                    | Jul | NA    | 113   | 120   | 130   | 131   | 125   | 144   | 121   | 121   | 130   | 115   | 121   |
|                    | Aug | NA    | 125   | 140   | 146   | 156   | 150   | 150   | 135   | 134   | 114   | 142   |       |
|                    | Sep | NA    | 151   | 161   | 168   | 189   | 181   | 153   | 182   | 143   | 143   | 152   |       |
|                    | Oct | NA    | 161   | 162   | 167   | 161   | 184   | 173   | 176   | 176   | 136   | 130   |       |
|                    | Nov | NA    | 174   | 181   | 175   | 179   | 176   | 171   | 144   | 137   | 141   | 155   |       |
|                    | Dec | NA    | 180   | 162   | 197   | 192   | 191   | 182   | 177   | 175   | 142   | 130   |       |

Selected OECD Countries: Trends in Inland Oil Consumption <sup>a</sup> (continued)

Thousand b/d

|                        |     | 1973  | 1974  | 1975  | 1976  | 1977  | 1978  | 1979  | 1980  | 1981  | 1982  | 1983  | 1984  |
|------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Spain                  | Avg | 581   | 626   | 667   | 744   | 693   | 726   | 745   | 771   | 716   | 637   | 603   |       |
|                        | Jan | 539   | 610   | 720   | 758   | 740   | 747   | 786   | 822   | 847   | 616   | 659   | 564   |
|                        | Feb | 568   | 639   | 682   | 785   | 727   | 771   | 708   | 848   | 879   | 669   | 741   | 596   |
|                        | Mar | 564   | 571   | 625   | 769   | 660   | 719   | 769   | 792   | 823   | 685   | 661   | 606   |
|                        | Apr | 537   | 595   | 688   | 742   | 634   | 685   | 712   | 795   | 701   | 626   | 587   | 545   |
|                        | May | 523   | 620   | 622   | 685   | 670   | 665   | 717   | 805   | 610   | 615   | 547   | 504   |
|                        | Jun | 530   | 608   | 610   | 714   | 672   | 672   | 675   | 687   | 689   | 680   | 550   | 502   |
|                        | Jul | 466   | 630   | 624   | 755   | 677   | 655   | 689   | 719   | 739   | 700   | 575   | 514   |
|                        | Aug | 667   | 617   | 584   | 685   | 612   | 655   | 670   | 594   | 533   | 509   | 535   |       |
|                        | Sep | 576   | 636   | 667   | 734   | 700   | 708   | 707   | 727   | 672   | 629   | 562   |       |
|                        | Oct | 669   | 677   | 713   | 742   | 682   | 751   | 795   | 807   | 806   | 606   | 587   |       |
|                        | Nov | 646   | 653   | 706   | 780   | 743   | 852   | 849   | 803   | 708   | 711   | 624   |       |
|                        | Dec | 681   | 650   | 735   | 782   | 804   | 836   | 862   | 855   | 730   | 609   | 621   |       |
| Sweden                 | Avg | 533   | 490   | 478   | 529   | 512   | 481   | 512   | 450   | 393   | 353   | 315   |       |
|                        | Jan | 603   | 521   | 511   | 565   | 616   | 481   | 600   | 508   | 434   | 459   | 320   | 317   |
|                        | Feb | 555   | 415   | 547   | 530   | 600   | 569   | 692   | 516   | 430   | 402   | 359   | 347   |
|                        | Mar | 540   | 427   | 479   | 539   | 545   | 508   | 497   | 461   | 427   | 416   | 340   | 328   |
|                        | Apr | 506   | 441   | 532   | 450   | 499   | 486   | 472   | 461   | 385   | 302   | 300   | 304   |
|                        | May | 524   | 495   | 392   | 395   | 466   | 431   | 515   | 406   | 324   | 285   | 282   | 254   |
|                        | Jun | 420   | 464   | 511   | 410   | 410   | 402   | 481   | 365   | 427   | 326   | 275   | 270   |
|                        | Jul | 387   | 423   | 362   | 382   | 388   | 334   | 425   | 386   | 258   | 243   | 230   |       |
|                        | Aug | 455   | 463   | 459   | 483   | 456   | 440   | 486   | 402   | 322   | 301   | 292   |       |
|                        | Sep | 492   | 516   | 503   | 571   | 497   | 458   | 399   | 548   | 397   | 354   | 309   |       |
|                        | Oct | 656   | 553   | 462   | 585   | 492   | 523   | 485   | 413   | 379   | 368   | 378   |       |
|                        | Nov | 645   | 568   | 446   | 697   | 546   | 581   | 515   | 441   | 436   | 354   | 313   |       |
|                        | Dec | 618   | 581   | 538   | 740   | 590   | 565   | 568   | 499   | 506   | 428   | 385   |       |
| United Kingdom         | Avg | 1,958 | 1,829 | 1,633 | 1,601 | 1,655 | 1,683 | 1,690 | 1,422 | 1,325 | 1,345 | 1,290 |       |
|                        | Jan | 2,278 | 2,013 | 1,981 | 1,679 | 1,830 | 1,824 | 1,883 | 1,770 | 1,403 | 1,416 | 1,263 | 1,310 |
|                        | Feb | 2,277 | 2,094 | 1,907 | 1,932 | 1,844 | 1,900 | 2,067 | 1,621 | 1,475 | 1,529 | 1,417 | 1,386 |
|                        | Mar | 2,235 | 2,099 | 1,731 | 1,879 | 1,818 | 1,842 | 1,949 | 1,585 | 1,444 | 1,588 | 1,431 | 1,482 |
|                        | Apr | 2,005 | 1,869 | 1,826 | 1,716 | 1,671 | 1,792 | 1,703 | 1,470 | 1,297 | 1,342 | 1,313 | 1,443 |
|                        | May | 1,909 | 1,678 | 1,482 | 1,417 | 1,546 | 1,621 | 1,648 | 1,348 | 1,200 | 1,211 | 1,227 | 1,581 |
|                        | Jun | 1,670 | 1,521 | 1,416 | 1,416 | 1,454 | 1,499 | 1,517 | 1,286 | 1,214 | 1,277 | 1,257 | 1,592 |
|                        | Jul | 1,611 | 1,508 | 1,322 | 1,346 | 1,300 | 1,401 | 1,435 | 1,217 | 1,177 | 1,236 | 1,148 |       |
|                        | Aug | 1,590 | 1,490 | 1,208 | 1,276 | 1,349 | 1,447 | 1,488 | 1,120 | 1,139 | 1,169 | 1,216 |       |
|                        | Sep | 1,700 | 1,637 | 1,501 | 1,477 | 1,555 | 1,557 | 1,520 | 1,268 | 1,290 | 1,293 | 1,301 |       |
|                        | Oct | 2,116 | 2,017 | 1,707 | 1,544 | 1,545 | 1,676 | 1,652 | 1,429 | 1,410 | 1,304 | 1,290 |       |
|                        | Nov | 2,223 | 2,075 | 1,723 | 1,750 | 1,912 | 1,802 | 1,858 | 1,443 | 1,479 | 1,416 | 1,335 |       |
|                        | Dec | 1,876 | 1,952 | 1,821 | 1,869 | 1,890 | 1,846 | 1,606 | 1,477 | 1,387 | 1,383 | 1,307 |       |
| West Germany           | Avg | 2,693 | 2,408 | 2,319 | 2,507 | 2,478 | 2,596 | 2,664 | 2,356 | 2,120 | 2,024 | 2,009 |       |
|                        | Jan | 2,868 | 2,556 | 2,183 | 2,464 | 2,393 | 2,461 | 2,893 | 2,685 | 2,235 | 1,914 | 1,884 | 1,952 |
|                        | Feb | 2,850 | 1,969 | 2,455 | 2,497 | 2,446 | 3,014 | 2,708 | 2,407 | 2,509 | 2,214 | 2,065 | 2,073 |
|                        | Mar | 2,707 | 2,173 | 2,234 | 2,747 | 2,523 | 2,610 | 2,592 | 2,425 | 2,100 | 2,326 | 2,185 | 2,070 |
|                        | Apr | 2,809 | 2,539 | 2,431 | 2,339 | 2,431 | 2,577 | 2,590 | 2,678 | 1,816 | 2,075 | 1,947 | 1,920 |
|                        | May | 2,546 | 2,403 | 2,253 | 2,320 | 2,364 | 2,341 | 2,641 | 2,225 | 1,866 | 1,736 | 2,009 | 2,143 |
|                        | Jun | 2,674 | 2,414 | 2,106 | 2,393 | 2,475 | 2,611 | 2,613 | 2,217 | 2,145 | 2,062 | 2,049 | 1,924 |
|                        | Jul | 2,196 | 2,548 | 2,319 | 2,624 | 2,382 | 2,693 | 2,626 | 2,421 | 2,147 | 1,930 | 1,783 | 2,141 |
|                        | Aug | 2,738 | 2,476 | 2,360 | 2,515 | 2,469 | 2,338 | 2,617 | 2,153 | 2,088 | 2,089 | 1,916 |       |
|                        | Sep | 2,618 | 2,473 | 2,309 | 2,521 | 2,567 | 2,561 | 2,597 | 2,538 | 2,086 | 2,026 | 2,029 |       |
|                        | Oct | 2,969 | 2,613 | 2,328 | 2,391 | 2,324 | 2,633 | 2,846 | 2,231 | 2,304 | 1,920 | 2,114 |       |
|                        | Nov | 2,883 | 2,432 | 2,361 | 2,700 | 2,649 | 2,772 | 2,763 | 2,106 | 2,028 | 1,997 | 2,081 |       |
|                        | Dec | 2,481 | 2,261 | 2,502 | 2,571 | 2,719 | 2,578 | 2,489 | 2,186 | 2,139 | 2,022 | 2,050 |       |
| Australia <sup>c</sup> | Avg | ...   | ...   | ...   | 483   | 510   | 514   | 525   | 504   | 498   | 491   | 473   |       |
|                        | Jan | ...   | ...   | ...   | 411   | 447   | 436   | 497   | 533   | 450   | 478   | 420   | 441   |
|                        | Feb | ...   | ...   | ...   | 459   | 491   | 494   | 529   | 468   | 513   | 460   | 455   | 498   |
|                        | Mar | ...   | ...   | ...   | 463   | 476   | 495   | 493   | 507   | 480   | 516   | 465   | 484   |
|                        | Apr | ...   | ...   | ...   | 467   | 462   | 465   | 493   | 471   | 481   | 488   | 445   | 477   |
|                        | May | ...   | ...   | ...   | 479   | 547   | 559   | 494   | 498   | 485   | 522   | 494   | 534   |
|                        | Jun | ...   | ...   | ...   | 526   | 575   | 565   | 522   | 531   | 537   | 552   | 494   | 532   |
|                        | Jul | ...   | ...   | ...   | 503   | 502   | 527   | 577   | 533   | 516   | 521   | 472   |       |
|                        | Aug | ...   | ...   | ...   | 516   | 550   | 585   | 533   | 486   | 488   | 470   | 508   |       |
|                        | Sep | ...   | ...   | ...   | 530   | 583   | 571   | 549   | 517   | 517   | 444   | 465   |       |
|                        | Oct | ...   | ...   | ...   | 459   | 470   | 476   | 506   | 508   | 471   | 470   | 478   |       |
|                        | Nov | ...   | ...   | ...   | 484   | 512   | 523   | 521   | 483   | 520   | 494   | 500   |       |
|                        | Dec | ...   | ...   | ...   | 510   | 511   | 478   | 490   | 506   | 498   | 477   | 472   |       |

Selected OECD Countries: Trends in Inland Oil Consumption <sup>a</sup> (continued)

Thousand b/d

|             |     | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|-------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| Switzerland | Avg | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 220  | 241  |      |
|             | Jan | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 195  | 239  | 197  |
|             | Feb | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 263  | 267  | 225  |
|             | Mar | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 257  | 268  | 254  |
|             | Apr | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 214  | 230  | 221  |
|             | May | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 195  | 242  | 235  |
|             | Jun | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 182  | 256  | 245  |
|             | Jul | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 197  | 225  |      |
|             | Aug | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 210  | 235  |      |
|             | Sep | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 216  | 221  |      |
|             | Oct | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 211  | 245  |      |
|             | Nov | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 241  | 226  |      |
|             | Dec | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 259  | 236  |      |
| Finland     | Avg | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 210  | 198  | 180  |      |
|             | Jan | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 246  | 227  | 152  | 179  |
|             | Feb | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 276  | 212  | 187  | 194  |
|             | Mar | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 223  | 200  | 196  | 198  |
|             | Apr | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 195  | 184  | 158  | 171  |
|             | May | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 166  | 177  | 156  | 168  |
|             | Jun | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 171  | 198  | 159  | 150  |
|             | Jul | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 163  | 158  | 155  |      |
|             | Aug | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 178  | 173  | 242  |      |
|             | Sep | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 210  | 233  | 172  |      |
|             | Oct | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 195  | 182  | 168  |      |
|             | Nov | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 207  | 236  | 197  |      |
|             | Dec | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | 298  | 207  | 220  |      |

<sup>a</sup> Except for the United States, measured as sales of refined petroleum products. Monthly data may not add to yearly averages because monthly revisions may not be available.

<sup>b</sup> Including bunkers, refinery fuel, and losses.

<sup>c</sup> Principal products only.

## Selected OECD Countries: Oil Stocks

Thousand Barrels, End of Month

|                       | United States <sup>a</sup> | Japan <sup>b</sup> | Canada  | Belgium | Denmark | France  | Ireland | Italy   |
|-----------------------|----------------------------|--------------------|---------|---------|---------|---------|---------|---------|
| 1973                  |                            |                    |         |         |         |         |         |         |
| Sep 1975              | 1,057,911 <sup>c</sup>     | 322,000            | NA      | NA      | NA      | NA      | NA      | NA      |
| Mar 1976 <sup>d</sup> | 1,076,360                  | 314,000            | NA      | 45,968  | 34,770  | NA      | 7,636   | 136,890 |
| Sep                   | 1,147,338                  | 354,000            | NA      | 51,644  | 44,333  | 254,296 | 7,716   | 152,490 |
| Mar 1977              | 1,060,489                  | 314,000            | 145,249 | 42,340  | 36,281  | 191,245 | 5,913   | 117,260 |
| Sep                   | 1,191,450                  | 387,000            | 157,670 | 48,165  | 42,033  | 239,265 | 6,570   | 141,496 |
| Mar 1978              | 1,086,822                  | 349,000            | 140,220 | 41,508  | 36,354  | 209,868 | 5,869   | 135,692 |
| Sep                   | 1,303,369                  | 402,000            | 162,140 | 57,371  | 46,340  | 225,592 | 6,979   | 163,958 |
| Mar 1979              | 1,167,810                  | 383,000            | 144,824 | 42,961  | 39,259  | 194,640 | 7,906   | 135,692 |
| Jun                   | 1,185,124                  | 396,000            | 148,534 | 42,756  | 40,610  | 187,632 | 7,563   | 142,240 |
| Sep                   | 1,262,932                  | 392,000            | 152,811 | 43,121  | 45,698  | 213,715 | 8,183   | 157,795 |
| Dec                   | 1,277,619                  | 411,000            | 141,524 | 43,508  | 47,056  | 198,166 | 8,212   | 150,164 |
| Mar 1980              | 1,142,427                  | 380,000            | 129,626 | 36,989  | 38,478  | 184,347 | 7,964   | 135,481 |
| Jun                   | 1,209,747                  | 392,000            | 139,445 | 45,333  | 36,522  | 199,239 | 8,140   | 147,226 |
| Sep                   | 1,308,802                  | 437,000            | 147,305 | 42,209  | 46,647  | 229,293 | 8,366   | 165,739 |
| Dec                   | 1,340,862                  | 461,000            | 146,630 | 48,370  | 44,150  | 222,066 | 8,497   | 173,426 |
| Mar 1981              | 1,341,855                  | 429,000            | 145,087 | 53,589  | 42,632  | 237,965 | 8,629   | 154,526 |
| Jun                   | 1,410,388                  | 473,000            | 160,943 | 50,815  | 43,953  | 240,060 | 9,264   | 168,462 |
| Sep                   | 1,446,519                  | 509,000            | 177,088 | 54,889  | 43,574  | 269,326 | 9,548   | 196,392 |
| Dec                   | 1,395,259                  | 497,000            | 160,211 | 56,487  | 42,756  | 239,265 | 8,753   | 169,462 |
| Mar 1982              | 1,405,496                  | 448,000            | 154,721 | 50,895  | 40,077  | 215,328 | 8,979   | 157,096 |
| Jun                   | 1,437,996                  | 492,000            | 168,506 | 47,713  | 40,216  | 213,854 | 7,928   | 171,185 |
| Sep                   | 1,480,658                  | 491,000            | 173,484 | 47,742  | 41,574  | 228,811 | 7,767   | 188,048 |
| Dec                   | 1,488,533                  | 480,000            | 156,914 | 40,369  | 38,413  | 209,963 | 7,154   | 168,236 |
| Mar 1983              | 1,400,902                  | 478,000            | 144,152 | 36,434  | 37,602  | 193,903 | 6,322   | 158,468 |
| Jun                   | 1,362,266                  | 474,000            | 140,978 | 40,552  | 36,259  | 190,508 | 6,504   | 156,680 |
| Sep                   | 1,433,736                  | 467,000            | 141,815 | 40,318  | 37,434  | 204,575 | 6,811   | 180,317 |
| Dec                   | 1,462,017                  | 463,000            | 132,784 | 38,223  | 36,894  | 189,544 | 6,497   | 179,478 |
| Mar 1984              | 1,375,446                  | 436,000            | 132,180 | 36,989  | 34,814  | 158,921 | 6,731   | 154,928 |
| Jun                   | 1,409,258                  | 445,000            | 110,401 | 34,471  | 36,376  | 155,344 | 5,694   | 158,833 |
| Sep                   | 1,492,149                  | 436,000            | 124,224 | 36,237  | 36,062  | 162,272 | 5,760   | 159,819 |
| Dec                   | 1,453,100                  | 458,000            | 118,255 | 35,296  | 36,288  | 149,694 | 5,658   | 149,110 |
| Mar                   | 1,444,000                  | 427,000            | NA      | NA      | NA      | NA      | NA      | NA      |
| Jun                   | 1,502,175                  | 452,000            | NA      | NA      | NA      | NA      | NA      | NA      |
| Jul                   | 1,513,569                  | NA                 | NA      | NA      | NA      | NA      | NA      | NA      |
| Aug                   | 1,509,600                  | NA                 | NA      | NA      | NA      | NA      | NA      | NA      |

## Selected OECD Countries: Oil Stocks (continued)

Thousand Barrels, End of Month

|          | Luxem-<br>bourg | Nether-<br>lands | Norway | Portugal | Spain   | Switzer-<br>land | Turkey | United<br>Kingdom | West<br>Germany |
|----------|-----------------|------------------|--------|----------|---------|------------------|--------|-------------------|-----------------|
| 1973     |                 |                  |        |          |         |                  |        |                   |                 |
| Sep 1975 | NA              | NA               | NA     | NA       | NA      | NA               | NA     | NA                | NA              |
| Mar 1976 | 569             | 82,724           | 12,534 | NA       | 61,393  | 27,638           | 9,636  | NA                | 148,832         |
| Sep 1976 | 548             | 83,614           | 13,563 | 6,541    | 61,743  | 30,332           | 11,271 | NA                | 170,083         |
| Mar 1977 | 438             | 71,336           | 16,958 | 8,556    | 57,874  | 28,360           | 10,424 | 145,555           | 165,783         |
| Sep 1977 | 584             | 84,315           | 17,162 | 7,008    | 68,240  | 30,580           | 9,870  | 163,323           | 190,815         |
| Mar 1978 | 650             | 75,438           | 14,133 | 8,745    | 77,760  | 32,018           | 8,475  | 146,518           | 203,342         |
| Sep 1978 | 606             | 86,819           | 17,009 | 9,132    | 77,701  | 35,222           | 10,614 | 157,768           | 216,971         |
| Mar 1979 | 657             | 68,094           | 15,651 | 8,198    | 67,759  | 34,522           | NA     | 148,161           | 211,518         |
| Jun 1979 | 591             | 69,007           | 15,739 | 10,585   | 76,650  | 34,536           | NA     | 151,395           | 213,861         |
| Sep 1979 | 496             | 63,386           | 18,965 | 11,176   | 80,344  | 36,157           | NA     | 152,139           | 227,395         |
| Dec 1979 | 664             | 76,388           | 16,549 | 6,701    | 74,467  | 36,945           | NA     | 155,359           | 235,608         |
| Mar 1980 | 599             | 61,583           | 15,096 | 11,498   | 71,299  | 37,558           | NA     | 137,422           | 228,738         |
| Jun 1980 | 628             | 70,343           | 16,279 | 13,600   | 71,533  | 37,931           | NA     | 148,497           | 243,353         |
| Sep 1980 | 745             | 81,796           | 16,337 | 12,598   | 84,381  | 39,055           | 8,475  | 167,564           | 265,735         |
| Dec 1980 | 810             | 85,505           | 16,191 | 10,979   | 77,351  | 39,960           | 5,950  | 166,834           | 268,604         |
| Mar 1981 | 796             | 96,462           | 16,345 | 13,972   | 81,205  | 38,902           | 8,694  | 159,585           | 291,657         |
| Jun 1981 | 781             | 101,850          | 19,549 | 19,119   | 90,936  | 38,683           | 9,402  | 170,689           | 304,446         |
| Sep 1981 | 781             | 109,814          | 21,258 | 18,987   | 101,266 | 39,668           | 9,731  | 170,243           | 298,585         |
| Dec 1981 | 854             | 110,332          | 19,053 | 23,053   | 76,665  | 41,449           | 8,519  | 165,812           | 314,499         |
| Mar 1982 | 891             | 99,273           | 19,447 | 19,345   | 85,381  | 40,048           | 12,930 | 160,133           | 311,009         |
| Jun 1982 | 818             | 100,492          | 19,834 | 23,433   | 98,470  | 39,384           | 11,534 | 155,556           | 305,768         |
| Sep 1982 | 832             | 100,360          | 17,761 | 20,374   | 96,287  | 39,873           | 9,892  | 147,380           | 301,972         |
| Dec 1982 | 803             | 94,944           | 14,739 | 19,827   | 86,870  | 40,698           | 12,987 | 139,963           | 291,022         |
| Mar 1983 | 745             | 86,074           | 18,403 | 19,418   | 80,869  | 39,435           | 10,950 | 130,444           | 273,932         |
| Jun 1983 | 759             | 93,243           | 16,936 | 18,922   | 87,074  | 40,844           | 14,644 | 138,131           | 209,167         |
| Sep 1983 | 694             | 86,169           | 16,024 | 21,360   | 86,950  | 41,084           | 10,585 | 134,210           | 275,590         |
| Dec 1983 | 803             | 93,046           | 19,929 | 18,564   | 79,750  | 40,048           | 10,585 | 121,647           | 267,538         |
| Mar 1984 | 745             | 80,030           | 20,309 | 17,994   | 78,205  | 40,486           | 15,250 | 117,187           | 256,478         |
| Jun 1984 | 686             | 76,030           | 14,870 | 17,330   | 82,242  | 40,749           | 13,936 | 112,902           | 256,639         |
| Sep 1984 | 642             | 83,840           | 14,140 | 17,235   | 83,804  | 40,632           | 12,600 | 122,567           | 257,851         |
| Dec 1984 | 774             | 87,892           | 18,593 | 18,973   | 76,628  | 40,581           | 15,184 | 112,960           | 245,149         |

<sup>a</sup> US stocks include Strategic Petroleum Reserves (SPR). According to DOE, the SPR held approximately 424 million barrels as of 31 Jul 1984.

<sup>b</sup> Japanese stocks include government-owned strategic stockpiles estimated at about 94.2 million barrels as of 30 June 1984.

<sup>c</sup> Estimated.

<sup>d</sup> As of January 1977, US Bureau of Mines changed the reporting of crude oil stocks to include foreign crude oil not yet received at refineries. Figures beginning in 1976 have been computed on the new basis.

**Selected Developed Countries: Retail Petroleum Product Prices***US Cents per US Gallon*

|                                   |     | Regular Gasoline   |     | Premium Gasoline   |     | Diesel Fuel        |     |
|-----------------------------------|-----|--------------------|-----|--------------------|-----|--------------------|-----|
|                                   |     | Price <sup>a</sup> | Tax | Price <sup>a</sup> | Tax | Price <sup>a</sup> | Tax |
| <b>United States <sup>b</sup></b> |     |                    |     |                    |     |                    |     |
| 1973                              | Oct | 40                 | 12  | 44                 | 12  | 23                 | 13  |
| 1979                              | Jan | 68                 | 13  | 75                 | 13  | 57                 | 14  |
| 1980                              | Jan | 109                | 14  | 115                | 14  | 97                 | 15  |
| 1981                              | Jan | 124                | 14  | 134                | 14  | 116                | 15  |
| 1982                              | Jan | 128                | 15  | 146                | 15  | 120                | 15  |
| 1983                              | Jan | 115                | 15  | 135                | 15  | 114                | 15  |
| 1984                              | Jan | 113                | 20  | 137                | 20  | NA                 | NA  |
|                                   | May | 115                | 20  | 138                | 20  | NA                 | NA  |
| <b>France <sup>c</sup></b>        |     |                    |     |                    |     |                    |     |
| 1973                              | Oct | 56                 | 38  | 60                 | 40  | 38                 | 23  |
| 1979                              | Jan | 113                | 78  | 122                | 83  | 79                 | 45  |
| 1980                              | Jan | 136                | 81  | 145                | 87  | 99                 | 49  |
| 1981                              | Jan | 153                | 84  | 162                | 89  | 117                | 52  |
| 1982                              | Jan | 182                | 96  | 192                | 102 | 140                | 60  |
| 1983                              | Jan | 194                | 101 | 207                | 108 | 163                | 65  |
| 1984                              | Jan | 210                | 115 | 224                | 123 | 169                | 73  |
|                                   | Jul | 224                | 129 | 238                | 136 | 176                | 79  |
| <b>Italy <sup>c</sup></b>         |     |                    |     |                    |     |                    |     |
| 1973                              | Oct | 39                 | 29  | 41                 | 30  | 21                 | 13  |
| 1979                              | Jan | 106                | 76  | 110                | 79  | 38                 | 10  |
| 1980                              | Jan | 140                | 89  | 144                | 92  | 64                 | 13  |
| 1981                              | Jan | 180                | 115 | 187                | 116 | 77                 | 14  |
| 1982                              | Jan | 212                | 127 | 219                | 128 | 101                | 17  |
| 1983                              | Jan | 246                | 161 | 257                | 163 | 128                | 33  |
| 1984                              | Jan | 276                | 185 | 287                | 187 | 136                | 41  |
|                                   | Jul | 271                | 185 | 282                | 186 | 136                | 41  |
| <b>United Kingdom</b>             |     |                    |     |                    |     |                    |     |
| 1973                              | Oct | 41                 | 26  | 43                 | 26  | 42                 | 26  |
| 1979                              | Jan | 92                 | 45  | 94                 | 45  | 99                 | 48  |
| 1980                              | Jan | 143                | 62  | 145                | 63  | 151                | 69  |
| 1981                              | Jan | 150                | 73  | 151                | 73  | 160                | 74  |
| 1982                              | Jan | 192                | 99  | 195                | 99  | 187                | 88  |
| 1983                              | Jan | 192                | 108 | 196                | 108 | 202                | 105 |
| 1984                              | Jan | 210                | 114 | 215                | 115 | 195                | 99  |
|                                   | Jul | 213                | 119 | 218                | 120 | 203                | 103 |
| <b>West Germany</b>               |     |                    |     |                    |     |                    |     |
| 1973                              | Oct | 97                 | 70  | 108                | 71  | 97                 | 66  |
| 1979                              | Jan | 127                | 74  | 134                | 74  | 125                | 70  |
| 1980                              | Jan | 146                | 77  | 152                | 78  | 147                | 74  |
| 1981                              | Jan | 170                | 79  | 177                | 79  | 162                | 75  |
| 1982                              | Jan | 196                | 92  | 203                | 93  | 184                | 82  |
| 1983                              | Jan | 190                | 92  | 200                | 93  | 188                | 82  |
| 1984                              | Jan | 190                | 93  | 199                | 95  | 185                | 84  |
|                                   | Jul | 185                | 93  | 193                | 93  | 180                | 84  |

NOTE: Converted at 29 February 1984 exchange rates.

<sup>a</sup> Including tax.<sup>b</sup> In 1984 prices for unleaded premium gasoline were substituted for leaded premium gasoline. The data from 1984 reflects the slightly higher price of unleaded premium gasoline.<sup>c</sup> Government price ceilings in effect.

**OPEC Countries: Crude Oil Official Sales Price •***US \$ per barrel*

|  | 1979  | 1980  | 1981  | 1982  | 1983  | 1984  |         |        |        |       |       |
|--|-------|-------|-------|-------|-------|-------|---------|--------|--------|-------|-------|
|  |       |       |       |       |       |       | 1st Qtr | 2d Qtr | 3d Qtr | Aug   | Sep   |
| <b>OPEC average <sup>b</sup></b>                 | 18.67 | 30.87 | 34.50 | 33.63 | 29.31 | 28.77 | 28.78   | 28.78  | 28.78  | 28.78 | 28.28 |
| <b>Algeria</b><br>42° API 0.10% sulfur           | 19.65 | 37.59 | 39.58 | 35.79 | 31.30 | 30.50 | 30.50   | 30.50  | 30.50  | 30.50 | 30.50 |
| <b>Ecuador</b><br>28° API 0.93% sulfur           | 22.41 | 34.42 | 34.50 | 32.96 | 27.59 | 27.50 | 27.50   | 27.50  | 27.50  | 27.50 | 27.50 |
| <b>Gabon</b><br>29° API 1.26 % sulfur            | 18.20 | 31.09 | 34.83 | 34.00 | 29.82 | 29.00 | 29.00   | 29.00  | 29.00  | 29.00 | 29.00 |
| <b>Indonesia</b><br>35° API 0.09% sulfur         | 18.35 | 30.55 | 35.00 | 34.92 | 29.95 | 29.53 | 29.53   | 29.53  | 29.53  | 29.53 | 29.53 |
| <b>Iran</b>                                      |       |       |       |       |       |       |         |        |        |       |       |
| Light<br>34° API 1.35% sulfur                    | 19.45 | 34.54 | 36.60 | 31.05 | 28.61 | 28.00 | 28.00   | 28.00  | 28.00  | 28.00 | 28.00 |
| Heavy<br>31° API 1.60% sulfur                    | 18.49 | 33.60 | 35.57 | 29.15 | 27.44 | 27.10 | 27.10   | 27.10  | 27.10  | 27.10 | 27.10 |
| <b>Iraq <sup>c</sup></b><br>35° API 1.95% sulfur | 18.56 | 30.30 | 36.66 | 34.86 | 30.32 | 29.43 | 29.43   | 29.43  | 29.43  | 29.43 | 29.43 |
| <b>Kuwait</b><br>31° API 2.50% sulfur            | 18.48 | 29.84 | 35.08 | 32.30 | 27.68 | 27.30 | 27.30   | 27.30  | 27.30  | 27.30 | 27.30 |
| <b>Libya</b><br>40° API 0.22% sulfur             | 21.16 | 36.07 | 40.08 | 35.69 | 30.91 | 30.40 | 30.40   | 30.40  | 30.40  | 30.40 | 30.40 |
| <b>Nigeria</b><br>34° API 0.16% sulfur           | 20.86 | 35.50 | 38.48 | 35.64 | 30.22 | 29.85 | 29.85   | 29.85  | 29.85  | 29.85 | 29.85 |
| <b>Qatar</b><br>40° API 1.17% sulfur             | 19.72 | 31.76 | 37.12 | 34.56 | 29.95 | 29.49 | 29.49   | 29.49  | 29.49  | 29.49 | 29.49 |
| <b>Saudi Arabia</b>                              |       |       |       |       |       |       |         |        |        |       |       |
| Berri<br>39° API 1.16% sulfur                    | 19.33 | 30.19 | 34.04 | 34.68 | 29.96 | 29.50 | 29.52   | 29.52  | 29.52  | 29.52 | 29.52 |
| Light<br>34° API 1.70% sulfur                    | 17.26 | 28.67 | 32.50 | 34.00 | 29.46 | 29.00 | 29.00   | 29.00  | 29.00  | 29.00 | 29.00 |
| Medium<br>31° API 2.40% sulfur                   | 16.79 | 28.12 | 31.84 | 32.40 | 27.86 | 27.40 | 27.40   | 27.40  | 27.40  | 27.40 | 27.40 |
| Heavy<br>27° API 2.85% sulfur                    | 16.41 | 27.67 | 31.13 | 31.00 | 26.46 | 26.00 | 26.00   | 26.00  | 26.00  | 26.00 | 26.00 |
| <b>UAE</b><br>39° API 0.75% sulfur               | 19.81 | 31.57 | 36.42 | 34.74 | 30.38 | 29.56 | 29.56   | 29.56  | 29.56  | 29.56 | 29.56 |
| <b>Venezuela</b><br>26° API 1.52% sulfur         | 17.22 | 28.44 | 32.88 | 32.88 | 28.69 | 27.88 | 27.88   | 27.88  | 27.88  | 27.88 | 27.88 |

<sup>a</sup> F.o.b. prices set by the government for direct sales and, in most cases, for the producing company buy-back oil.

<sup>b</sup> Weighted by the volume of production.

<sup>c</sup> Beginning in 1981 the price of Kirkuk (Mediterranean) is used in calculating the OPEC average official sales price.

**Non-Communist Countries: Natural Gas Production <sup>a</sup>***Billion Cubic Feet*

|                           | 1976          | 1977          | 1978          | 1979          | 1980          | 1981          | 1982   | 1983   |
|---------------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------|--------|
| <b>Total</b>              | <b>34,675</b> | <b>35,530</b> | <b>36,025</b> | <b>38,460</b> | <b>37,580</b> | <b>37,885</b> | ...    | ...    |
| <b>Western hemisphere</b> | <b>24,805</b> | <b>25,125</b> | <b>25,105</b> | <b>26,055</b> | <b>25,300</b> | <b>25,290</b> | ...    | ...    |
| United States             | 19,950        | 20,025        | 19,975        | 20,470        | 20,180        | 19,995        | 18,520 | 16,600 |
| Canada                    | 3,095         | 3,230         | 3,130         | 3,345         | 2,465         | 2,430         | 2,500  | 2,375  |
| Mexico                    | 580           | 600           | 745           | 920           | 1,300         | 1,480         | 1,550  | NA     |
| Argentina                 | 290           | 305           | 295           | 295           | 335           | 345           | 400    | ...    |
| Chile                     | 140           | 135           | 125           | 125           | 90            | 85            | ...    | ...    |
| Venezuela                 | 480           | 525           | 510           | 575           | 590           | 590           | 620    | NA     |
| Other                     | 270           | 305           | 325           | 325           | 340           | 365           | ...    | ...    |
| <b>Eastern hemisphere</b> | <b>9,870</b>  | <b>10,405</b> | <b>10,920</b> | <b>12,405</b> | <b>12,280</b> | <b>12,595</b> | ...    | ...    |
| Western Europe            | 6,335         | 6,525         | 6,565         | 7,220         | 7,030         | 6,860         | ...    | ...    |
| France                    | 250           | 270           | 280           | 275           | 265           | 245           | ...    | ...    |
| Italy                     | 555           | 455           | 465           | 455           | 425           | 495           | 515    | ...    |
| Netherlands               | 3,615         | 3,610         | 3,310         | 3,490         | 3,400         | 3,155         | 2,685  | 2,855  |
| Norway                    | 10            | 90            | 450           | 905           | 885           | 900           | 895    | 895    |
| United Kingdom            | 1,315         | 1,435         | 1,350         | 1,365         | 1,290         | 1,285         | 1,265  | 1,405  |
| West Germany              | 515           | 580           | 625           | 630           | 670           | 680           | 595    | 625    |
| Other                     | 75            | 85            | 85            | 100           | 100           | 100           | ...    | ...    |
| Middle East               | 1,475         | 1,590         | 1,655         | 1,850         | 1,755         | 2,070         | ...    | ...    |
| Iran                      | 760           | 740           | 685           | 705           | 290           | 255           | ...    | ...    |
| Kuwait                    | 195           | 210           | 220           | 305           | 245           | 190           | ...    | ...    |
| Saudi Arabia              | 240           | 285           | 335           | 415           | 515           | 895           | ...    | ...    |
| Other                     | 280           | 355           | 415           | 425           | 705           | 730           | ...    | ...    |
| Africa                    | 890           | 920           | 1,115         | 1,515         | 1,400         | 1,420         | ...    | ...    |
| Algeria                   | 350           | 305           | 490           | 915           | 685           | 870           | 1,050  | 1,490  |
| Libya <sup>b</sup>        | 485           | 555           | 560           | 665           | 560           | 365           | ...    | ...    |
| Other                     | 55            | 60            | 65            | 100           | 155           | 185           | ...    | ...    |
| Asia Pacific              | 1,170         | 1,370         | 1,585         | 1,820         | 2,095         | 2,245         | ...    | ...    |
| Australia                 | 210           | 240           | 255           | 285           | 340           | 400           | 410    | ...    |
| Brunei                    | 300           | 315           | 310           | 315           | 345           | 345           | ...    | ...    |
| Indonesia                 | 85            | 200           | 385           | 555           | 655           | 680           | 695    | NA     |
| Japan                     | 90            | 100           | 95            | 85            | 80            | 75            | ...    | ...    |
| Pakistan                  | 185           | 180           | 195           | 235           | 285           | 315           | ...    | ...    |
| Other                     | 300           | 335           | 345           | 345           | 390           | 430           | ...    | ...    |

<sup>a</sup> Marketed production. Excluding gas vented, flared, or reinjected.  
Data have not been adjusted for shrinkage due to extraction of natural gas liquids.

<sup>b</sup> Includes gas reinjected, if any.



**Non-Communist Countries: Nuclear Electricity Generation <sup>a</sup>***Million kWh*

|                           | 1973           | 1981           | 1982           | 1983           | 1984           |                |               |               |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|
|                           |                |                |                |                | 1st Qtr        | 2d Qtr         | Jul           | Aug           |
| <b>Total</b>              | <b>188,348</b> | <b>728,459</b> | <b>788,618</b> | <b>883,348</b> | <b>268,931</b> | <b>236,596</b> | <b>81,695</b> | <b>84,739</b> |
| <b>OECD</b>               | <b>185,954</b> | <b>708,792</b> | <b>767,598</b> | <b>849,685</b> | <b>258,426</b> | <b>227,350</b> | <b>77,401</b> | <b>80,191</b> |
| United States             | 87,440         | 288,604        | 298,734        | 313,628        | 88,913         | 78,411         | 29,302        | 30,712        |
| Canada                    | 18,273         | 43,272         | 42,552         | 53,044         | 14,720         | 11,578         | 4,315         | 4,455         |
| Japan                     | 9,439          | 83,514         | 104,528        | 106,548        | 26,675         | 28,294         | 10,482        | 10,945        |
| Finland                   | 0              | 14,456         | 16,499         | 17,431         | 5,083          | 4,051          | 1,390         | 1,369         |
| Spain                     | 6,545          | 9,443          | 8,770          | 10,694         | 4,394          | 5,415          | 2,502         | 2,235         |
| Sweden                    | 2,111          | 37,674         | 38,776         | 40,479         | 15,796         | 10,494         | 2,383         | 3,475         |
| Switzerland               | 6,192          | 15,184         | 14,994         | 15,546         | 4,386          | 3,425          | 1,278         | 991           |
| <b>European Community</b> | <b>55,954</b>  | <b>216,645</b> | <b>242,745</b> | <b>292,315</b> | <b>98,459</b>  | <b>85,682</b>  | <b>25,749</b> | <b>26,009</b> |
| Belgium                   | 0              | 12,839         | 15,615         | 24,053         | 6,882          | 6,945          | 2,404         | 1,935         |
| France                    | 11,217         | 105,220        | 108,878        | 144,188        | 52,899         | 42,667         | 13,122        | 13,179        |
| Italy                     | 3,142          | 2,708          | 6,804          | 5,783          | 1,868          | 962            | 320           | 772           |
| Netherlands               | 1,038          | 3,658          | 3,901          | 3,589          | 866            | 949            | 167           | 316           |
| United Kingdom            | 27,996         | 38,871         | 44,144         | 50,013         | 13,865         | 13,294         | 3,653         | 3,611         |
| West Germany              | 12,561         | 53,349         | 63,403         | 64,689         | 22,079         | 20,865         | 6,083         | 6,196         |
| <b>Other Countries</b>    | <b>2,394</b>   | <b>19,667</b>  | <b>21,020</b>  | <b>33,663</b>  | <b>10,505</b>  | <b>9,246</b>   | <b>4,294</b>  | <b>4,548</b>  |
| Argentina                 | 0              | 2,816          | 1,870          | 2,517          | 651            | 502            | 117           | 85            |
| Brazil                    | 0              | 0              | 54             | 183            | 316            | 122            | 0             | 22            |
| India                     | 1,936          | 3,056          | 2,152          | 2,866          | 630            | 734            | 476           | 438           |
| Pakistan                  | 458            | 230            | 84             | 228            | 5              | 95             | 36            | 19            |
| South Africa              | 0              | 0              | 0              | 0              | 0              | 510            | 524           | 670           |
| South Korea               | 0              | 2,897          | 3,776          | 8,965          | 3,405          | 2,312          | 721           | 919           |
| China (Taiwan)            | 0              | 10,668         | 13,084         | 18,904         | 5,498          | 4,971          | 2,420         | 2,395         |

<sup>a</sup> Data are for gross electrical generation. Net figures are generally less than gross figures by about 5 percent, which include the energy consumed by the generating plants. Monthly data may not add to quarterly data, because monthly revisions may not be available.

**USSR: Oil <sup>a</sup> and Natural Gas Production/Apparent Consumption**

|         | Production           |  | Apparent Consumption |  |
|---------|----------------------|--|----------------------|--|
|         | Oil<br>(million b/d) | Natural Gas<br>(million m <sup>3</sup> /d) | Oil<br>(million b/d) | Natural Gas<br>(million m <sup>3</sup> /d) |
| 1972    | 7.99                 | 606.1                                      | 6.04                 | 620.2                                      |
| 1973    | 8.58                 | 648.5                                      | 6.50                 | 659.9                                      |
| 1974    | 9.18                 | 713.7                                      | 6.97                 | 708.0                                      |
| 1975    | 9.82                 | 793.0                                      | 7.36                 | 773.1                                      |
| 1976    | 10.37                | 880.8                                      | 7.55                 | 838.3                                      |
| 1977    | 10.92                | 948.7                                      | 7.9                  | 897.8                                      |
| 1978    | 11.43                | 1,019.5                                    | 8.3                  | 934.6                                      |
| 1979    | 11.71                | 1,115.8                                    | 8.6                  | 999.7                                      |
| 1980    | 12.03                | 1,192.3                                    | 8.9                  | 1,045.0                                    |
| 1981    | 12.18                | 1,274.4                                    | 9.0                  | 1,113.0                                    |
| 1982    | 12.25                | 1,373.5                                    | 9.1 <sup>b</sup>     |  |
| 1983    | 12.33                | 1,467.0                                    |                      |  |
| 1984    |                      |  |                      |  |
| 1st Qtr | 12.24                | 1,604.0                                    |                      |  |
| 2d Qtr  | 12.35                | 1,560.4                                    |                      |  |
| Jul     | 12.29                | 1,525.8                                    |                      |  |
| Aug     | 12.22                | 1,551.6                                    |                      |  |

<sup>a</sup> Including natural gas liquids.<sup>b</sup> Preliminary.**USSR: Regional Production of Crude Oil <sup>a</sup>***Million b/d*

|                         | 1973        | 1974        | 1975        | 1976         | 1977         | 1978         | 1979         | 1980 <sup>b</sup> | 1981 <sup>b</sup> | 1982 <sup>b</sup> | 1983 <sup>b</sup> |
|-------------------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|-------------------|-------------------|-------------------|-------------------|
| <b>Total</b>            | <b>8.58</b> | <b>9.18</b> | <b>9.82</b> | <b>10.37</b> | <b>10.92</b> | <b>11.43</b> | <b>11.71</b> | <b>12.03</b>      | <b>12.18</b>      | <b>12.25</b>      | <b>12.33</b>      |
| Urals-Volga             | 4.43        | 4.46        | 4.52        | 4.50         | 4.42         | 4.29         | 4.03         | 3.82              | NA                | 3.35              | 3.13              |
| West Siberia            | 1.75        | 2.33        | 2.96        | 3.62         | 4.37         | 5.08         | 5.66         | 6.25              | 6.69              | 7.06              | 7.38              |
| Central Asia            | 0.78        | 0.80        | 0.83        | 0.80         | 0.71         | 0.63         | 0.60         | 0.57              | NA                | NA                | 0.55              |
| Azerbaijan SSR          | 0.36        | 0.35        | 0.34        | 0.33         | 0.31         | 0.30         | 0.29         | 0.28              | NA                | NA                | 0.28              |
| North Caucasus          | 0.61        | 0.56        | 0.47        | 0.44         | 0.44         | 0.43         | 0.42         | 0.35              | NA                | NA                | 0.26              |
| Ukrainian SSR           | 0.28        | 0.27        | 0.26        | 0.23         | 0.21         | 0.19         | 0.17         | 0.16              | NA                | NA                | 0.17              |
| Komi ASSR               | 0.18        | 0.20        | 0.22        | 0.26         | 0.29         | 0.34         | 0.38         | 0.37              | NA                | 0.41              | 0.38              |
| Belorussia SSR & Baltic | 0.14        | 0.16        | 0.16        | 0.12         | 0.10         | 0.08         | 0.06         | 0.06              | NA                | NA                | 0.07              |
| Far East                | 0.05        | 0.05        | 0.05        | 0.05         | 0.04         | 0.04         | 0.05         | 0.06              | NA                | NA                | 0.05              |
| Georgian SSR            | NEGL        | NEGL        | 0.01        | 0.02         | 0.03         | 0.05         | 0.05         | 0.06              | NA                | NA                | 0.06              |

<sup>a</sup> Including natural gas liquids.<sup>b</sup> Preliminary.**USSR: Imports of Oil***Thousand b/d*

|              | 1973       | 1974       | 1975       | 1976       | 1977       | 1978       | 1979       | 1980      | 1981      | 1982       | 1983                    |
|--------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|------------|-------------------------|
| <b>Total</b> | <b>290</b> | <b>110</b> | <b>150</b> | <b>140</b> | <b>120</b> | <b>160</b> | <b>140</b> | <b>NA</b> | <b>98</b> | <b>197</b> | <b>255 <sup>a</sup></b> |
| Middle East  |            |            |            |            |            |            |            |           |           |            |                         |
| Egypt        | 4          | 3          | 5          | 0          | 0          | 0          | 0          | NA        | 0         | 0          | NA                      |
| Iraq         | 220        | 78         | 108        | 116        | 110        | 126        | 70         | NA        | 0         | 2          | 37                      |
| Other        | 66         | 29         | 121        | 21         | 10         | 34         | 70         | NA        | 98        | 195        | 218                     |

<sup>a</sup> Preliminary.

## USSR: Exports of Oil

Thousand b/d

|  | 1973         | 1974         | 1975         | 1976         | 1977         | 1978         | 1979         | 1980                      | 1981         | 1982            | 1983                      |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------------------|--------------|-----------------|---------------------------|
| <b>Total <sup>a b c</sup></b>              | <b>2,380</b> | <b>2,340</b> | <b>2,600</b> | <b>2,970</b> | <b>3,130</b> | <b>3,300</b> | <b>3,280</b> | <b>3,279</b>              | <b>3,224</b> | <b>3,389</b>    | <b>3,590 <sup>d</sup></b> |
| <b>Communist countries <sup>a b</sup></b>  | <b>1,350</b> | <b>1,440</b> | <b>1,550</b> | <b>1,680</b> | <b>1,740</b> | <b>1,835</b> | <b>NA</b>    | <b>1,991</b>              | <b>2,001</b> | <b>1,826</b>    | <b>1,840</b>              |
| Eastern Europe                             | 1,100        | 1,180        | 1,260        | 1,370        | 1,420        | 1,490        | 1,559        | 1,600                     | 1,610        | 1,436           | 1,433                     |
| Asia                                       | 20           | 30           | 40           | 40           | 40           | 50           | NA           | NA                        | 83           | 77              | 72 <sup>d</sup>           |
| Cuba                                       | 150          | 155          | 160          | 175          | 180          | 190          | NA           | 211                       | 215          | 225             | 225                       |
| Yugoslavia                                 | 80           | 75           | 90           | 95           | 100          | 105          | 106          | 105                       | 93           | 88 <sup>d</sup> | 110                       |
| <b>Free World countries <sup>a b</sup></b> | <b>1,030</b> | <b>900</b>   | <b>1,050</b> | <b>1,290</b> | <b>1,390</b> | <b>1,465</b> | <b>NA</b>    | <b>1,285 <sup>e</sup></b> | <b>1,223</b> | <b>1,563</b>    | <b>1,750</b>              |
| North America <sup>c</sup>                 | 8            | 8            | 9            | 6            | 19           | 10           | 1            | 1                         | 6            | 1               | 1                         |
| Of which:                                  |              |              |              |              |              |              |              |                           |              |                 |                           |
| Canada                                     | 0            | 3            | 5            | 3            | 5            | 0            | 0            | 0                         | 0            | 0               | 0                         |
| United States                              | 8            | 5            | 4            | 3            | 14           | 10           | 1            | 1                         | 6            | 1               | 1                         |
| Western Europe <sup>f</sup>                | 704          | 574          | 676          | 930          | 1,072        | 1,116        | 1,071        | 1,132                     | 1,043        | 1,342           | 1,542                     |
| Of which:                                  |              |              |              |              |              |              |              |                           |              |                 |                           |
| Finland                                    | 187          | 188          | 138          | 197          | 212          | 195          | 205          | 194                       | 198          | 228             | 253                       |
| France                                     | 95           | 23           | 57           | 72           | 95           | 104          | 128          | 168                       | 161          | 140             | 168                       |
| Italy                                      | 163          | 113          | 123          | 206          | 183          | 172          | 135          | 138                       | 134          | 172             | 177                       |
| Netherlands <sup>g</sup>                   | 29           | 32           | 45           | 43           | 40           | 53           | 61           | 145                       | 165          | 252             | 271                       |
| Sweden                                     | 75           | 67           | 90           | 76           | 71           | 86           | 86           | 47                        | 26           | 48              | 72                        |
| West Germany                               | 116          | 132          | 148          | 175          | 154          | 178          | 182          | 138                       | 100          | 172             | 211                       |
| Middle East <sup>a b</sup>                 | 30           | 30           | 45           | 56           | 70           | 55           | NA           | NA                        | NA           | NA              | NA                        |
| Of which:                                  |              |              |              |              |              |              |              |                           |              |                 |                           |
| Egypt                                      | 7            | 4            | 5            | 5            | 4            | NEGL         | 0            | 0                         | 0            | 0               | NA                        |
| Greece                                     | 16           | 20           | 38           | 40           | 60           | 47           | 16           | 25                        | 33           | 46              | 53                        |
| Africa <sup>a b</sup>                      | 35           | 23           | 20           | 23           | 20           | 20           | NA           | 30                        | 33           | NA              | NA                        |
| Of which:                                  |              |              |              |              |              |              |              |                           |              |                 |                           |
| Ghana                                      | 12           | 6            | 3            | 5            | 5            | 5            | 0            | 0                         | 0            | 0               | 0                         |
| Morocco                                    | 19           | 13           | 13           | 13           | 12           | 12           | NA           | 9                         | 10           | 17              | NA                        |
| Asia <sup>a b</sup>                        | 55           | 52           | 60           | 65           | 70           | 90           | NA           | 85                        | 103          | 98              | NA                        |
| Of which:                                  |              |              |              |              |              |              |              |                           |              |                 |                           |
| India <sup>a b</sup>                       | 10           | 20           | 25           | 22           | 48           | 60           | 74           | NA                        | 88           | 84              | 116                       |
| Japan <sup>c</sup>                         | 41           | 24           | 16           | 19           | 16           | 14           | 16           | 11                        | 12           | 12              | 18                        |
| Latin America <sup>a b</sup>               | 0            | 25           | 30           | 21           | 20           | 20           | NA           | NA                        | NA           | NA              | NA                        |
| Brazil                                     | 0            | 25           | 30           | 21           | 20           | 20           | 0            | NA                        | NA           | 20              | NA                        |

<sup>a</sup> Data for 1973-1976 are from official Soviet statistics.<sup>b</sup> Data for 1977 and 1978 are based on official Soviet data and/or collateral.<sup>c</sup> On a gross basis.<sup>d</sup> Preliminary.<sup>e</sup> OECD data are used starting in 1980 for the OECD members.<sup>f</sup> Data for 1973-1979 are based on partner country data.<sup>g</sup> Excluding Rotterdam spot sales before 1980.

## USSR: Regional Production of Natural Gas

Million m<sup>3</sup>/d

|  | 1974         | 1975         | 1976         | 1977         | 1978           | 1979           | 1980           | 1981           | 1982           | 1983           |
|--|--------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>Total</b>   | <b>713.7</b> | <b>793.0</b> | <b>880.8</b> | <b>948.7</b> | <b>1,019.5</b> | <b>1,115.8</b> | <b>1,187.1</b> | <b>1,274.4</b> | <b>1,372.6</b> | <b>1,468.5</b> |
| Central Asia & Kazakhstan                                  | 226.6        | 260.5        | 291.7        | 300.2        | 303.0          | 303.0          | 311.5          | 304.1          | 312.3          | 309.6          |
| Ukrainian SSR  | 186.9        | 186.9        | 184.1        | 178.4        | 172.8          | 164.3          | 142.5          | 128.8          | 131.5          | 123.3          |
| North Caucasus   | 68.0         | 65.1         | 65.1         | 62.3         | 59.5           | 56.6           | 51.0           | NA             | 32.9           | 30.1           |
| West Siberia & Far East                                    | 68.0         | 102.0        | 121.8        | 195.4        | 263.4          | 342.7          | 430.5          | 526.8          | 624.7          | 734.2          |
| Komi ASSR  | 51.0         | 56.6         | 56.6         | 51.0         | 51.0           | 51.0           | 48.1           | NA             | 49.3           | 52.0           |
| Azerbaydzhian SSR  | 25.5         | 28.3         | 31.2         | 34.0         | 34.0           | 34.0           | 39.7           | 41.1           | 38.4           | 38.4           |
| Urals-Volga and other<br>producing regions in<br>the RSFSR | 93.5         | 99.1         | 130.3        | 121.8        | 136.0          | 164.3          | 163.9          | 167.1          | 183.5          | 180.9          |

**USSR: Natural Gas Trade***Million m<sup>3</sup>/d*

|                | 1975        | 1976        | 1977        | 1978         | 1979         | 1980         | 1981         | 1982         | 1983              |
|----------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| <b>Exports</b> | <b>53.8</b> | <b>70.8</b> | <b>82.1</b> | <b>110.5</b> | <b>130.3</b> | <b>150.1</b> | <b>170.0</b> | <b>167.1</b> | <b>172.6</b>      |
| Eastern Europe | 31.2        | 34.0        | 39.6        | 42.5         | 56.6         | 79.3         | 85.0         | 90.6         | 94.2              |
| Bulgaria       | 2.8         | 5.7         | 5.7         | 8.5          | 8.5          | 11.3         | 11.3         | 14.2         | 13.7              |
| Czechoslovakia | 11.3        | 11.3        | 14.2        | 14.2         | 19.8         | 22.7         | 22.7         | 25.5         | 23.3              |
| East Germany   | 8.5         | 8.5         | 8.5         | 8.5          | 11.3         | 17.0         | 17.0         | 17.0         | 17.8              |
| Hungary        | 2.8         | 2.8         | 2.8         | 2.8          | 5.7          | 11.3         | 11.3         | 11.3         | 10.4              |
| Poland         | 5.7         | 5.7         | 8.5         | 8.5          | 11.3         | 14.2         | 14.2         | 14.2         | 16.4              |
| Romania        | 0           | 0           | 0           | 0            | NEGL         | 2.8          | 2.8          | 2.8          | 4.1               |
| Yugoslavia     | 0           | 0           | NEGL        | NEGL         | 2.8          | 5.7          | 5.7          | 5.7          | 8.5               |
| Western Europe | 22.7        | 36.8        | 42.5        | 68.0         | 73.6         | 70.8         | 85.0         | 76.5         | 78.4              |
| Austria        | 5.7         | 8.5         | 5.7         | 8.5          | 8.5          | 5.7          | 8.5          | 8.5          | 11.8              |
| Finland        | 2.8         | 2.8         | 2.8         | 2.8          | 2.8          | 2.8          | 2.8          | 2.8          | 1.9               |
| France         | 0           | 2.8         | 5.7         | 8.5          | 8.5          | 11.3         | 17.0         | 11.3         | 11.0              |
| Italy          | 5.7         | 11.3        | 14.1        | 25.5         | 25.5         | 19.8         | 22.7         | 25.5         | 23.3 <sup>a</sup> |
| West Germany   | 8.5         | 11.3        | 14.1        | 22.7         | 28.3         | 31.2         | 34.0         | 28.3         | 30.4              |
| <b>Imports</b> | <b>34.0</b> | <b>31.2</b> | <b>31.2</b> | <b>25.5</b>  | <b>17.0</b>  | <b>8.5</b>   | <b>5.7</b>   | <b>5.7</b>   | <b>5.5</b>        |
| Afghanistan    | 8.5         | 5.7         | 5.7         | 5.7          | 5.7          | 5.7          | 5.7          | 5.7          | 5.5 <sup>a</sup>  |
| Iran           | 25.5        | 25.5        | 25.5        | 19.8         | 11.3         | 2.8          | 0            | 0            | 0                 |

<sup>a</sup> Estimated.**Eastern Europe: Oil Production and Consumption***Thousand b/d*

|                                | 1973         | 1974         | 1975         | 1976         | 1977         | 1978                     | 1979                     | 1980                     | 1981                     | 1982                     | 1983                     |
|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <b>Production</b>              | <b>410</b>   | <b>417</b>   | <b>423</b>   | <b>430</b>   | <b>429</b>   | <b>406</b>               | <b>383</b>               | <b>369</b>               | <b>373</b>               | <b>374<sup>a</sup></b>   | <b>366<sup>a</sup></b>   |
| Bulgaria                       | 4            | 3            | 2            | 2            | 3            | 5                        | 3 <sup>a</sup>           | 3 <sup>a</sup>           | 3 <sup>a</sup>           | 3 <sup>a</sup>           | 3 <sup>a</sup>           |
| Czechoslovakia                 | 3            | 3            | 3            | 3            | 2            | 2                        | 2                        | 2                        | 2                        | 2 <sup>a</sup>           | 2 <sup>a</sup>           |
| East Germany                   | 1            | 1            | 1            | 1            | 1            | 1                        | 1                        | 1 <sup>a</sup>           | 1 <sup>a</sup>           | 1 <sup>a</sup>           | 1 <sup>a</sup>           |
| Hungary                        | 40           | 40           | 40           | 43           | 44           | 44                       | 41                       | 41                       | 40                       | 41 <sup>a</sup>          | 40 <sup>a</sup>          |
| Poland                         | 8            | 11           | 11           | 9            | 7            | 7                        | 7                        | 7                        | 6                        | 5                        | 5 <sup>a</sup>           |
| Romania                        | 286          | 290          | 292          | 294          | 293          | 265                      | 246                      | 230                      | 233                      | 235                      | 232 <sup>a</sup>         |
| Yugoslavia                     | 68           | 69           | 74           | 78           | 79           | 82                       | 83                       | 85                       | 88                       | 87                       | 83 <sup>a</sup>          |
| <b>Consumption<sup>b</sup></b> | <b>1,759</b> | <b>1,794</b> | <b>1,915</b> | <b>2,056</b> | <b>2,216</b> | <b>2,347<sup>a</sup></b> | <b>2,408<sup>a</sup></b> | <b>2,336<sup>a</sup></b> | <b>2,193<sup>a</sup></b> | <b>2,115<sup>a</sup></b> | <b>2,049<sup>a</sup></b> |
| Bulgaria                       | 245          | 262          | 256          | 265          | 284          | 293 <sup>a</sup>         | 291 <sup>a</sup>         | 285 <sup>a</sup>         | 291 <sup>a</sup>         | 281 <sup>a</sup>         | 276 <sup>a</sup>         |
| Czechoslovakia                 | 300          | 314          | 326          | 353          | 383          | 379                      | 386                      | 372                      | 365                      | 342 <sup>a</sup>         | 332 <sup>a</sup>         |
| East Germany                   | 276          | 273          | 286          | 315          | 341          | 364                      | 373                      | 385                      | 381                      | 356 <sup>a</sup>         | 341 <sup>a</sup>         |
| Hungary                        | 178          | 187          | 217          | 227          | 228          | 244                      | 243                      | 214                      | 198                      | 205                      | 203 <sup>a</sup>         |
| Poland                         | 266          | 260          | 308          | 322          | 359          | 370                      | 388                      | 391                      | 340                      | 321                      | 334 <sup>a</sup>         |
| Romania                        | 274          | 263          | 283          | 319          | 348          | 394                      | 395                      | 374                      | 333                      | 332                      | 283 <sup>a</sup>         |
| Yugoslavia                     | 220          | 235          | 239          | 255          | 273          | 303                      | 332                      | 315                      | 285                      | 278 <sup>a</sup>         | 280 <sup>a</sup>         |

<sup>a</sup> Estimated.<sup>b</sup> Consumption in crude oil equivalent.

**Eastern Europe: Oil Trade***Thousand b/d*

|                           | 1973         | 1974         | 1975         | 1976         | 1977                   | 1978                   | 1979                     | 1980                     | 1981                     | 1982                     | 1983                     |
|---------------------------|--------------|--------------|--------------|--------------|------------------------|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <b>Crude Oil</b>          |              |              |              |              |                        |                        |                          |                          |                          |                          |                          |
| <b>Imports</b>            | <b>1,369</b> | <b>1,422</b> | <b>1,551</b> | <b>1,735</b> | <b>1,857</b>           | <b>2,019</b>           | <b>2,098<sup>a</sup></b> | <b>2,119<sup>a</sup></b> | <b>1,968<sup>a</sup></b> | <b>1,883<sup>a</sup></b> | <b>1,905<sup>a</sup></b> |
| Bulgaria                  | 193          | 213          | 209          | 217          | 235                    | 253                    | 260 <sup>a</sup>         | 264 <sup>a</sup>         | 270 <sup>a</sup>         | 278 <sup>a</sup>         | 260 <sup>a</sup>         |
| Czechoslovakia            | 284          | 293          | 317          | 342          | 366                    | 372                    | 377                      | 385                      | 378                      | 342 <sup>a</sup>         | 342 <sup>a</sup>         |
| East Germany              | 321          | 329          | 340          | 361          | 381                    | 398                    | 414                      | 438                      | 455                      | 435                      | 440 <sup>a</sup>         |
| Hungary                   | 131          | 136          | 169          | 177          | 171                    | 198                    | 193                      | 167                      | 155                      | 176                      | 185 <sup>a</sup>         |
| Poland                    | 223          | 212          | 266          | 302          | 328                    | 332                    | 332                      | 327                      | 270                      | 264                      | 292 <sup>a</sup>         |
| Romania                   | 83           | 91           | 102          | 170          | 177                    | 258                    | 286                      | 319                      | 254                      | 218                      | 200 <sup>a</sup>         |
| Yugoslavia                | 134          | 148          | 148          | 166          | 193                    | 208                    | 236                      | 219                      | 186                      | 170                      | 186 <sup>a</sup>         |
| <b>Petroleum products</b> |              |              |              |              |                        |                        |                          |                          |                          |                          |                          |
| <b>Imports</b>            | <b>180</b>   | <b>180</b>   | <b>173</b>   | <b>170</b>   | <b>196<sup>a</sup></b> | <b>210<sup>a</sup></b> | <b>214<sup>a</sup></b>   | <b>224<sup>a</sup></b>   | <b>205<sup>a</sup></b>   | <b>188<sup>a</sup></b>   | <b>185<sup>a</sup></b>   |
| Bulgaria                  | 48           | 47           | 45           | 47           | 47 <sup>a</sup>        | 47 <sup>a</sup>        | 49 <sup>a</sup>          | 48 <sup>a</sup>          | 48 <sup>a</sup>          | 45 <sup>a</sup>          | 45 <sup>a</sup>          |
| Czechoslovakia            | 26           | 27           | 22           | 23           | 25                     | 22                     | 19                       | 18                       | 18                       | 18 <sup>a</sup>          | 18 <sup>a</sup>          |
| East Germany              | 2            | 2            | 3            | 2            | 4                      | 2                      | 3                        | 7                        | 7                        | 7 <sup>a</sup>           | 7 <sup>a</sup>           |
| Hungary                   | 20           | 21           | 19           | 19           | 31                     | 39                     | 40                       | 39                       | 32                       | 28                       | 28 <sup>a</sup>          |
| Poland                    | 62           | 61           | 64           | 65           | 67                     | 69                     | 78                       | 88                       | 79                       | 63                       | 68 <sup>a</sup>          |
| Yugoslavia                | 22           | 22           | 20           | 14           | 22                     | 31                     | 27                       | 22                       | 19                       | 27 <sup>a</sup>          | 19 <sup>a</sup>          |
| <b>Exports</b>            | <b>205</b>   | <b>240</b>   | <b>245</b>   | <b>292</b>   | <b>276<sup>a</sup></b> | <b>269</b>             | <b>263</b>               | <b>328</b>               | <b>307</b>               | <b>261<sup>a</sup></b>   | <b>317<sup>a</sup></b>   |
| Czechoslovakia            | 13           | 10           | 15           | 14           | 11                     | 11                     | 14                       | 26                       | 20                       | 20 <sup>a</sup>          | 20 <sup>a</sup>          |
| East Germany              | 48           | 59           | 58           | 49           | 45                     | 39                     | 44                       | 60                       | 82                       | 80 <sup>a</sup>          | 80 <sup>a</sup>          |
| Hungary                   | 13           | 10           | 11           | 12           | 18                     | 10                     | 12                       | 17                       | 18                       | 13                       | 16 <sup>a</sup>          |
| Poland                    | 27           | 24           | 32           | 54           | 44                     | 38                     | 30                       | 31                       | 16                       | 12                       | 33 <sup>a</sup>          |
| Romania                   | 109          | 132          | 125          | 159          | 137                    | 153                    | 148                      | 183                      | 163                      | 130                      | 160 <sup>a</sup>         |
| Yugoslavia                | 4            | 5            | 4            | 4            | 21 <sup>a</sup>        | 18                     | 15                       | 11                       | 8                        | 6 <sup>a</sup>           | 8 <sup>a</sup>           |

<sup>a</sup> Estimated.**Eastern Europe: Natural Gas Production and Consumption***Million m<sup>3</sup>/d*

|                    | 1973         | 1974         | 1975         | 1976         | 1977         | 1978                     | 1979                     | 1980                     | 1981                     | 1982                     | 1983                     |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <b>Production</b>  |              |              |              |              |              |                          |                          |                          |                          |                          |                          |
| <b>Production</b>  | <b>133.1</b> | <b>135.9</b> | <b>144.4</b> | <b>158.6</b> | <b>167.1</b> | <b>167.1<sup>a</sup></b> | <b>155.7<sup>a</sup></b> | <b>155.7<sup>a</sup></b> | <b>161.4<sup>a</sup></b> | <b>158.6<sup>a</sup></b> | <b>158.6<sup>a</sup></b> |
| Bulgaria           | NEGL         | NEGL         | NEGL         | NEGL         | NEGL         | NEGL                     | NEGL                     | NEGL                     | NEGL                     | NEGL                     | NEGL                     |
| Czechoslovakia     | 2.8          | 2.8          | 2.8          | 2.8          | 2.8          | 2.8                      | 2.8                      | 2.8                      | 2.8                      | 2.8 <sup>a</sup>         | 2.8 <sup>a</sup>         |
| East Germany       | 19.8         | 19.8         | 19.8         | 22.7         | 22.7         | 22.7 <sup>a</sup>        | 22.7 <sup>a</sup>        | 22.7 <sup>a</sup>        | 22.7 <sup>a</sup>        | 22.7 <sup>a</sup>        | 22.7 <sup>a</sup>        |
| Hungary            | 14.2         | 14.2         | 14.2         | 17.0         | 17.0         | 19.8                     | 17.0                     | 17.0                     | 17.0                     | 17.0                     | 17.0                     |
| Poland             | 17.0         | 17.0         | 17.0         | 17.0         | 19.8         | 22.7                     | 19.8                     | 17.0                     | 17.0                     | 14.2                     | 14.2                     |
| Romania            | 76.5         | 79.3         | 87.8         | 93.4         | 96.3         | 93.4                     | 87.8                     | 90.6                     | 96.3                     | 96.3                     | 96.3                     |
| Yugoslavia         | 2.8          | 2.8          | 2.8          | 5.7          | 5.7          | 5.7                      | 5.7                      | 5.7                      | 5.7                      | 5.7                      | 5.7                      |
| <b>Consumption</b> |              |              |              |              |              |                          |                          |                          |                          |                          |                          |
| <b>Consumption</b> | <b>147.2</b> | <b>161.4</b> | <b>175.6</b> | <b>201.0</b> | <b>209.5</b> | <b>212.4</b>             | <b>220.9</b>             | <b>237.9<sup>a</sup></b> | <b>246.4<sup>a</sup></b> | <b>246.4<sup>a</sup></b> | <b>249.2<sup>a</sup></b> |
| Bulgaria           | NEGL         | NEGL         | 2.8          | 5.7          | 8.5          | 8.5                      | 11.3                     | 11.3 <sup>a</sup>        | 11.3 <sup>a</sup>        | 11.3 <sup>a</sup>        | 14.2 <sup>a</sup>        |
| Czechoslovakia     | 8.5          | 11.3         | 14.2         | 14.2         | 17.0         | 19.8                     | 22.7                     | 25.5                     | 25.5                     | 25.5                     | 25.5 <sup>a</sup>        |
| East Germany       | 22.7         | 28.3         | 28.3         | 34.0         | 34.0         | 34.0                     | 34.0                     | 39.6                     | 39.6                     | 39.6 <sup>a</sup>        | 39.6 <sup>a</sup>        |
| Hungary            | 14.2         | 14.2         | 17.0         | 19.8         | 22.7         | 22.7                     | 25.5                     | 28.3                     | 28.3                     | 28.3                     | 28.3 <sup>a</sup>        |
| Poland             | 19.8         | 22.7         | 22.7         | 25.5         | 25.5         | 28.3                     | 31.1                     | 31.1                     | 31.1                     | 31.1                     | 31.1 <sup>a</sup>        |
| Romania            | 76.5         | 79.3         | 85.0         | 93.4         | 96.3         | 93.4                     | 90.6 <sup>a</sup>        | 93.4 <sup>a</sup>        | 99.1                     | 99.1 <sup>a</sup>        | 99.1 <sup>a</sup>        |
| Yugoslavia         | 2.8          | 2.8          | 2.8          | 5.7          | 5.7          | 5.7                      | 5.7                      | 8.5 <sup>a</sup>         | 11.3 <sup>a</sup>        | 11.3 <sup>a</sup>        | 11.3 <sup>a</sup>        |

<sup>a</sup> Estimated.

**Eastern Europe: Natural Gas Trade***Million m<sup>3</sup>/d*

|                | 1973         | 1974         | 1975         | 1976         | 1977         | 1978         | 1979                     | 1980                     | 1981                     | 1982                     | 1983                     |
|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <b>Imports</b> | <b>138.9</b> | <b>239.0</b> | <b>317.3</b> | <b>384.0</b> | <b>426.5</b> | <b>458.5</b> | <b>610.4<sup>a</sup></b> | <b>770.2<sup>a</sup></b> | <b>780.6<sup>a</sup></b> | <b>834.8<sup>a</sup></b> | <b>850.5<sup>a</sup></b> |
| Bulgaria       | ...          | 8.5          | 32.6         | 61.3         | 79.1         | 93.2         | 106.8 <sup>a</sup>       | 109.6 <sup>a</sup>       | 120.5 <sup>a</sup>       | 150.7                    | 150.6 <sup>a</sup>       |
| Czechoslovakia | 65.2         | 98.2         | 104.7        | 127.2        | 141.5        | 156.9        | 201.2                    | 228.0                    | 234.6                    | 247.3                    | 247.8 <sup>a</sup>       |
| East Germany   | 21.7         | 79.0         | 88.4         | 92.3         | 97.3         | 99.1         | 118.6                    | 176.2                    | 171.7                    | 175.1                    | 178.1 <sup>a</sup>       |
| Hungary        | 5.4          | 5.4          | 22.5         | 33.4         | 33.0         | 33.8         | 74.6                     | 110.8                    | 109.6                    | 107.8                    | 109.6 <sup>a</sup>       |
| Poland         | 46.6         | 58.2         | 69.0         | 69.8         | 75.6         | 75.4         | 109.1                    | 145.5                    | 144.1                    | 154.0                    | 164.4 <sup>a</sup>       |
| <b>Exports</b> | <b>8.0</b>   | <b>6.6</b>   | <b>6.4</b>   | <b>7.1</b>   | <b>7.1</b>   | <b>7.8</b>   | <b>7.3</b>               | <b>6.8</b>               | <b>6.4</b>               | <b>6.1</b>               | <b>NA</b>                |
| Czechoslovakia | 2.7          | 1.0          | 1.0          | 1.6          | 1.6          | 2.3          | 1.8                      | 1.3                      | .9                       | .6                       | NA                       |
| Romania        | 5.3          | 5.6          | 5.3          | 5.5          | 5.6          | 5.5          | 5.5                      | 5.5                      | 5.5                      | 5.5                      | 5.5                      |

<sup>a</sup> Estimated.**PRC: Crude Oil Production and Oil Exports***Thousand b/d*

|                      | 1975  | 1976  | 1977  | 1978  | 1979  | 1980  | 1981  | 1982  | 1983             |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|
| Production           | 1,542 | 1,736 | 1,874 | 2,082 | 2,123 | 2,113 | 2,024 | 2,044 | 2,120            |
| Exports <sup>a</sup> | 194   | 170   | 182   | 226   | 267   | 265   | 277   | 304   | 300              |
| Japan                | 157   | 121   | 132   | 150   | 147   | 157   | 178   | 179   | 185 <sup>b</sup> |
| Brazil               | 0     | 0     | 0     | 1     | 16    | 20    | 20    | 20    | NA               |
| Romania              | 5     | 9     | 10    | 20    | 20    | 20    | 18    | 17    | NA               |
| United States        | 0     | 0     | 0     | 0     | 11    | 2     | 0     | 18    | 2 <sup>b</sup>   |
| Philippines          | 8     | 11    | 17    | 23    | 20    | 20    | 10    | 7     | NA               |
| Other                | 24    | 29    | 23    | 32    | 53    | 46    | 51    | 63    | NA               |

<sup>a</sup> Excludes petroleum products.<sup>b</sup> Jan-Sep.